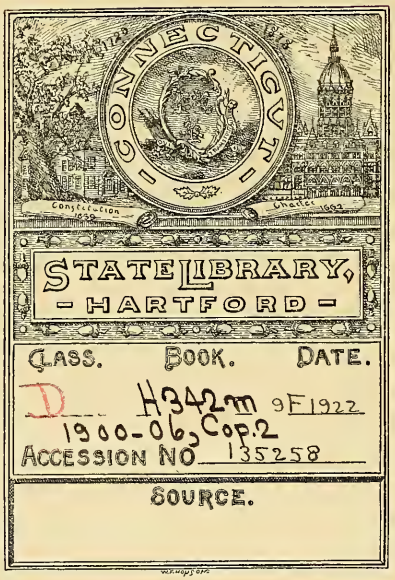
FEB -9 22

Connecticut State Library
3 0231 00242 7115



H342m

FEB -9 22

Digitized by the Internet Archive
in 2010 with funding from
Lyrasis Members and Sloan Foundation

http://www.archive.org/details/monthlybulletino1412tutt

Vol. XIV. No. 1.

MEMBERS OF THE BOARD.

PROF. WM. H BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SECTY.
G. H. WILSON, M.D., MERIDEN.
R. S. GOODWIN, M.D., THOMASTON.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

FEB-22

MONTH OF JANUARY, 1900.

TUTTLE, MOREHOUSE & TAYLOR, PRINTERS, NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

135258

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of January, 1900, and a Statement of the Births and Marriages for the Month of December, 1899.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 912,159.

TOWNS.	Estimated Population.	Living Births in Dec.	Still Births in Dec.	Marriages in Dec.	Total Deaths in Jan.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,940	21	1	5	26	24.1	17	65.3						1	5						3		4	2	3	3	1		4
Branford,	5,000	20		1	7	16.8	3	42.8															1						4
Bridgeport,	66,757	141	10	53	114	20.1	41	35.9	1		6	1		8							2		11	15	5	12	3	8	42
Bristol,	9,000	11		11	7	9.5																		2			1	1	3
Danbury,	19,368	28	2	6	35	21.6	7	20.0	1			1		1									3	2	1	4	8	1	13
Derby,	8,500	15	1	7	10	14.1	1	10 0															5	4					1
East Hartford,	6,700	14		1	10	17.9	3	30.0						2									1	1		1		1	4
Enfield,	8,000	9		7	9	13 5	1	11.1						2										1	1	2			3
Greenwich,	13 000	13		3	19	17 5	7	36.8						1							1			3	2	4		1	7
Groton,	7,000	14		2	6	10.2																			2		1	1	2
Hartford,	77,085	147	5	54	127	18 9	32	25.1					1	2			6					4	1	14	23	2	9	9	9	47
Huntington,	6,000	7		2	3	6.0	1	33.3															1						2.
Killingly,	7,000	11	1	3	17	29.1	5	29.4														2	1	5		3	1		5
Manchester,	10,000	15		7	14	16.8	4	28.5						1			1						3	2				1	6
Meriden,	28,500	69		14	34	14.3	11	32.3	1					1			1						3	8	1	2	2		15
Middletown,	20,000	37	5	2	29	12.0	5	17 2						1	1							2	5	3	1	2	4		10
Naugatuck,	10,000	28	4	11	15	18.0	6	40 0															1	4		4	2		4
New Britain,	27,500	66	2	19	42	18.3	15	35.7	1			2		3			1					1	3	9	1	6	3	2	9
New Haven,	116,500	246	13	69	184	18 4	50	27.1	4			1		7		1	4	1				1	20	34	10	29	14	8	50
New London,	17,500	27	1	9	36	24 6	8	22.2				2	1	2									4	3		6	3	6	9
Norwalk,	23,000	20		12	31	16.1	6	19.3				1		2								1	2	1	3	6	1	3	10
Norwich,	25,500	47	2	10	34	16.0	6	17 6														1		6	4		4	5	5	9
Orange,	6,500	9		1	3	5 5	1	33.3								1												1		1
Plainfield,	5,000	13	2	1	6	14.4	1	16 6															1	1	1		2		1
Putnam,	6,800	9		9	11	19.4	2	18.1									1						2	1		2		1	4
Southington,	6,000	13		4	8	16.0	2	25.0						1									1	1		1	1		3
Stamford,	19,000	37	2	13	25	15 7	4	16 0	1		1												4	4		5	3	1	6
Stonington,	8,000	16		5	11	16.5	1	9 0	1													1				3	1		5
Thompson,	5,620	9			12	25.6	5	41.6							1								1		1	3	2		4
Torrington,	12,054	25		4	18	17.9	11	61.1			4			1									3	2	1	3			4
Vernon,	9 500	12		6	11	13 8	2	18.1	1														1	1	1	1	1	1	4
Wallingford,	9,000	25	3	3	7	9.5	1	14.2																3	1	1			2
Waterbury,	50,000	109	4	18	75	18.0	30	40.0				1	1	3	1		1					1	2	10	9	10	2	3	31
Winchester,	8,000	10	1	3	10	15 0	1	10.0	1														1	2			1	1	3
Windham,	10,000	15		5	9	10.8	1	11.1									1									1	1	1	4
Total of the 35 above towns,	680 324	1308	59	380	1015	17 9	291	28.6	12		11	9	3	39	8	2	16	1			16	8	105	149	47	128	75	55	331
133 towns of less than 5,000 inhabitants	231,835	366	13	97	352	18 2	57	16 2	6		6		2	13			9	2			2	2	19	54	14	41	40	16	126
Total reported from 168 towns,	912,159	1674	72	477	1367	17.9	348	25 4	18		17	9	5	52	8	2	25	3			18	10	124	203	61	169	115	71	457

The Mortality in Public Institutions of the State were: in Bridgeport, 9; in Hartford, 19; in Middletown, 10; and in New Haven, 23. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in January: Andover, Bolton, Bridgewater, Burlington, Chaplin, Chester, Columbia, Cornwall, Lisbon, Lyme, New Fairfield, North Branford, Oxford, Saybrook, Warren—15.

REMARKS.

By Mortality Reports received, there were 1367 deaths during the month of January. This was 195 more than reported in December, and 198 less than in January of last year, and 168 more than the average number of deaths in January for the five years preceding the present.

	1900	1899	1898	1897	1896	1895
January,	1367	1565	1153	1123	1121	1036

The death rate was 17.9 for the large towns; for the small towns 18.2, and for the whole State 17.9.

The deaths reported from communicable diseases were 167, being 12.2 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Ansonia, 2; Beacon Falls, 2; Berlin, (several); Branford, 1; Bridgeport, 200; Bristol, 6; Canaan (epidemic); Chester, 2; Cornwall, 3; Danbury (city), 2; Darien, 2; Derby, 3; East Hartford, 2; East Lyme, 6; Easton, 1; East Windsor, 3; Essex, 30; Fairfield, 4; Farmington, 3; Glastonbury, 1; Goshen, 3; Granby, 1; Griswold, 5; Groton, 15; Guilford, 1; Hebron, 12; Kent, 7; Killingly, 64; Litchfield, 3; Lyme, 6; Mansfield, 1; Milford, 2; Montville, 1; Naugatuck, 1; New Haven, 9; New London, 16; New Milford, 2; Newtown, 3; Norfolk, 3; North Canaan, 10; Norwalk (town), 1; Norwich (city), 4; Old Lyme, 32; Old Saybrook, 2; Orange, 1; Plainville, 3; Plymouth, 2; Portland, 10; Rockville (city) 2; Salem, 10; Salisbury, 1; Seymour, 1; Sharon, 4; Simsbury, 5; Southbury, 4; Southington, 1; Stafford Springs (borough), 1; Stamford (city), 7; Sterling, 12; Suffield, 11; Thompson, 1; Torrington (epidemic); Trumbull, 20; Voluntown, 10; Waterbury (city), 25; Waterbury (town), 4; Waterford, 2; Weston, 1; Wilton, 1; Windsor, 22.—Total, 638+.

Scarlet Fever—Ansonia, 1; Barkhamsted, 1; Berlin, 2; Bethel, 3; Bridgeport, 16; Bristol, 3; Canterbury, 1; Colchester, 1; Danielson (borough), 1; Derby, 1; East Hartford, 6; East Windsor, 5; Essex, 1; Glastonbury, 1; Greenwich, 3; Groton, 1; Hartford, 24; Kent, 1; Killingly, 1; Lyme, 5; Manchester, 2; Meriden (city), 6; Meriden (town), 4; New Britain (city), 13; New Hartford, 1; New Haven, 15; New London, 5; North Stonington, 1; Norwalk (town), 1; Norwich (city), 1; Norwich (town), 2; Plymouth, 3; Putnam, 1; Southington, 2; South Norwalk (city), 1; South Windsor, 1; Suffield, 1; Thompson, 2; Wallingford, 2; Waterbury (city), 3; Waterbury (town) 3; Watertown, 1; Westbrook, 1; West Hartford, 1; Wethersfield, 1; Windsor Locks, 2; Winsted (borough), 3; Woodbury, 1.—Total, 158.

Cerebro Spinal Fever.—Coventry, 1; Hartford, 1; Naugatuck, 2; Woodbury, 1.—Total, 5.

Diphtheria and Croup—Ansonia, 1; Berlin, 1; Bridgeport, 30; Bristol, 1; Canton, 1; Cromwell, 1; Danbury (city), 3; Danbury (town), 1; Darien, 1; Derby, 3; East Hartford, 7; Enfield, 1; Farmington, 5; Glastonbury, 5; Greenwich, 2; Hartford, 52; Manchester, 3; Meriden (city), 2; Middletown; Milford, 1; New Britain (city), 7; New Haven, 21; New London, 5; North Canaan, 6; Norwalk (city), 3; Norwalk (town), 3; Norwich (city), 5; Oxford, 1; Plymouth, 2; Preston, 3; Ridgefield, 5; Salem, 1; Seymour, 1; Somers, 1; Southington, 9; South Norwalk (city), 2; Stamford (city), 3; Torrington, 4; Waterbury (city), 6; Waterbury (town), 4; Waterford, 8; Weston, 1; Windsor, 1; Windham, 1; Winsted (borough), 8; Woodbury, 7; Woodbridge, 1.—Total, 340+.

Whooping Cough—Ansonia (epidemic); Berlin, 4; Bristol, 8; Colchester, 5; Cornwall, 1; Danielson (borough), 6; Glastonbury (almost epidemic); Harwinton, 1; Killingly, 3; Montville, 1; Norfolk, 3; Plainville, 25+; Rockville (city), (considerable); Salisbury (epidemic); Seymour, 2; Stratford, 1; Torrington, 1; Waterbury (city), 2; Westport, 8; Winsted (borough), 15; Woodbridge, 2.—Total, 88+.

Typhoid Fever—Bethlehem, 1; Bridgeport, 2; Colchester, 1; Danbury (city), 3; Danielson (borough), 1; Darien, 1; East Hartford, 1; East Windsor, 1; Ellington, 1; Greenwich, 2; Hampton, 1; Hartford, 41; Hebron, 2; Meriden (city), 1; Morris, 1; Naugatuck, 2; New Canaan, 1; New Haven, 9; New London, 1; Norfolk, 1; Norwalk (city), 1; Orange, 1; Plainville, 1; Portland, 1; Rockville (city), 1; Southington, 2; Stamford (city), 2; Waterbury (city), 1; Windsor, 1; Windsor Locks, 1.—Total, 86.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Bethany, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Brooklyn, Burlington, Chaplin, Chatham, Cheshire, Clinton, Colebrook, Columbia, Durham, Eastford, East Granby, East Haddam, East Haven, Franklin, Hamden, Hartland, Huntington, Jewett City (borough), Killingworth, Lebanon, Ledyard, Lisbon, Madison, Marlborough, Middlebury, Middlefield, Monroe, New Britain (town), New Fairfield, Newington, North Branford, North Haven, Plainfield, Pomfret, Prospect, Redding, Rocky Hill, Roxbury, Saybrook, Scotland, Shelton (borough), Sherman, Sprague, Stafford, Stamford (town), Stonington (town and borough), Thomaston, Tolland, Union, Vernon, Warren, Washington, Willimantic (city), Willington, Winchester, Wolcott, Woodstock—Total, 67.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—East Windsor, 1; Essex, 1; Kent, 1; Newtown, 1; Portland, 1; Sterling, 1—Total, 6.

Cerebro-Spinal Fever—Avon, 1; Woodbury, 1—Total, 2.

Diphtheria and Croup—Berlin, 1; Colebrook, 1; Farmington, 1; Glastonbury, 2; Plymouth, 1; Preston, 1; Ridgefield, 3; South Windsor, 1; Waterford, 1; Woodbury, 1—Total, 13.

Typhoid Fever—Bozrah, 1; Cromwell, 1; East Windsor, 1; Hamden, 1; Morris, 1; New Milford, 1; Portland, 2; Roxbury, 1—Total, 9.

All the local Health Officers in the State have reported, except the Health Officer of Haddam, in Middlesex County.

The mortality in January was somewhat larger than usual.

Measles is again prevailing very generally, but in a mild form. It is reported from 70 places. The approximate number of cases cannot be given, as some health officers report it only as "epidemic." It is probable there were 1000 cases in the State, and yet of so light severity that there were only 17 deaths attributed to it. Typhoid fever is less than in December, except in Hartford, where it is much increased.

VACCINATION.

In the last Bulletin it was stated that Connecticut has been remarkably exempt from small-pox in view of its widespread prevalence in many other States. This was attributed to the practice of vaccination, which is more general in this State that in most other States, although it is not compulsory, but is simply the result of an intelligent confidence of the people of Connecticut in its protective power.

Since the Bulletin was issued I have had a few letters from town Health Officers, stating that in their respective towns the practice had been of late years much neglected. Those towns are taking very dangerous risks, especially at this time when the disease is so prevalent elsewhere, and their exposure is so much greater than ordinary. A community unvaccinated is ripe for an epidemic of small-pox. It is possible only among such people. There is no instance of a small-pox *epidemic* in a community that has been well vaccinated. "Vaccination is therefore a public duty for the protection of the whole community, as well as a private obligation for self-preservation, which none have the right to neglect."

A town in which there is a large number of people unprotected by trustworthy genuine vaccination, offers a fruitful field for the rapid cultivation of small-pox. The importation of a little seed is speedily productive of many crops, with the accompanying sufferings, anxieties, and deaths, to say nothing of its disastrous effects upon the business prosperity of the place so afflicted.

VITAL STATISTICS FOR THE YEAR 1899.

The total mortality for the year reported at this office was 14,300 as against 14108 of the previous year. This is an excess of 207 over the average of the previous five years. As the population of the State is from 75,000 to 100,000 more than five years ago, the increase of deaths is reasonable.

There were 18,850 living births and 882 still births reported to this office in 1899. This gives a natural increase of population during the year of 4,550, not counting the still births either as births or deaths. The living births in 1899 are less than those in 1898 by 1,257.

There were 6,561 marriages reported for the year 1899. This is 4 less than in 1898.

THE NEW DEATH CERTIFICATES.

The new form of Death Certificates have blank spaces after the words Year_____ Month_____ Day_____ to give the exact date of death. Of course the blundering genius has seized his opportunity. It is astonishing to what extent human ingenuity can invent wrong ways of filling out a blank form of certificate. This time the blunderer completely defeats the purpose of the certificate by writing the day of the week instead of the day of the month, thus: Year, 1900. Month, Jan., Day, Tuesday. Query, which Tuesday? There were five in January. Registrars who issue burial permits on such certificates, and there are several of them, ought to have their names published in the "Journal of Statistics."

The Registrars are specially requested to require the certificates of death on the new blank form, with which they have all been supplied. And also to make the copies for this office on the corresponding new form of cards. It is gratifying to state that this request has been complied with except in exceedingly few instances. It is important that there should be no exceptions.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, February 15, 1900.

METEOROLOGICAL REPORT FOR THE MONTH OF JANUARY, 1900.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE.	BAROMETER.†		TEMPERATURE.†						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.65	29.57	14	15	18	23	13	10	89	89	N	17	N W	6	284	24	.12	Heavy Snow	Clear	Clear
2	29.72	29.78	13	23	20	27	12	15	81	66	S W	10	S W	16	380	34	.0	Clear	Clear	Clear
3	29.95	30.32	17	16	18	25	10	15	83	76	W	3	N W	3	188	26	.0	Clear	Clear	Clear
4	30.53	30.53	12	28	22	33	10	23	76	81	N W	4	S W	7	142	11	.0	Clear	Clear	Clear
5	30.43	30.32	28	37	33	40	26	14	54	82	S W	9	W	9	234	21	T	Clear	Cloudy	Clear
6	30.36	30.48	35	33	35	43	27	16	73	57	N W	6	N	6	164	14	.0	Cloudy	Clear	Clear
7	30.45	30.09	26	41	32	43	20	23	76	78	N	1	S W	9	178	20	.0	Clear	Cloudy	Clear
8	29.99	30.41	42	26	31	44	18	26	69	59	N W	14	N	11	328	24	.01	Light Rain	Clear	Clear
9	30.57	30.34	12	25	19	26	12	14	60	72	N E	7	S W	3	158	11	.0	Clear	Partly Cl'dy	Clear
10	29.99	30.05	35	40	36	47	26	21	73	68	S W	9	N	10	224	20	.02	Cloudy	Clear	Cloudy
11	30.29	29.88	19	30	26	34	18	16	66	100	N	20	N E	14	354	26	.03	Clear	Light Rain	Partly Cl'dy
12	29.52	29.69	32	34	34	40	27	13	95	72	N E	12	N	14	307	26	1.43	Cloudy	Cloudy	Cloudy
13	30.11	30.08	22	29	28	33	22	11	65	74	N	6	N E	1	166	14	.0	Clear	Partly Cl'dy	Clear
14	30.07	30.00	22	34	28	35	20	15	100	95	N E	1	S E	2	95	15	.11	Clear	Cloudy	Partly Cl'dy
15	30.28	30.33	27	34	33	39	27	12	64	81	N E	6	S E	2	98	9	.0	Partly Cl'dy	Cloudy	Clear
16	30.08	30.23	39	38	39	47	31	16	83	63	S W	6	N	10	168	17	.03	Cloudy	Clear	Partly Cl'dy
17	30.47	30.04	33	30	34	41	28	13	70	73	N	3	E	12	219	16	.0	Clear	Cloudy	Partly Cl'dy
18	30.52	30.32	30	37	30	44	28	16	78	84	N E	8	N E	4	152	12	T	Cloudy	Cloudy	Cloudy
19	30.11	30.00	40	47	45	55	35	20	100	93	N E	1	S	1	69	9	T	Foggy	Cloudy	Cloudy
20	29.64	30.33	53	48	50	56	45	11	100	100	S E	13	S W	12	216	16	1.08	Light Rain	Light Rain	Cloudy
21	29.62	30.14	32	27	36	47	24	23	74	47	N	15	N E	6	351	15	.08	Partly Cl'dy	Clear	Clear
22	30.22	30.17	30	42	36	48	24	24	73	69	W	8	S W	7	174	15	.0	Clear	Clear	Clear
23	29.96	29.92	35	46	44	52	35	17	82	61	S W	3	N W	9	229	22	.0	Clear	Clear	Clear
24	30.29	30.26	21	29	30	39	20	19	71	82	N E	16	E	16	307	22	.0	Clear	Cloudy	Clear
25	29.92	29.49	28	33	32	37	27	10	82	100	N E	20	N E	10	251	20	.23	Cloudy	Cloudy	Cloudy
26	29.43	29.66	26	12	24	39	9	20	75	58	W	29	W	38	580	48	.03	Cloudy	Clear	Partly Cl'dy
27	30.03	30.27	16	23	20	28	11	17	59	50	N W	18	W	6	364	28	.0	Clear	Clear	Clear
28	30.30	30.09	20	33	27	39	15	24	83	100	W	3	N E	8	152	24	.06	Clear	Light Rain	Partly Cl'dy
29	29.54	29.75	27	17	20	28	12	15	70	74	N	24	N W	10	422	28	.34	Cloudy	Clear	Clear
30	29.98	29.80	10	34	23	36	10	26	65	53	W	12	S W	12	305	22	.0	Clear	Clear	Clear
31	29.61	29.58	28	15	22	34	9	25	88	96	N W	4	N W	15	230	20	.03	Light Snow	Clear	Partly Cl'dy
Month Ave's.	30.05	30.05	27	31	30	29	21	18	77	76	N E	10	S W	9	242	48	Total, 3.60			

SUMMARY.

BAROMETER.

Monthly Mean, 30.05 inches.

Highest, 30.64 in.; Date, 17th.

Lowest, 29.33 in.; Date, 20th.

Monthly range, 1.31.

TEMPERATURE.

Monthly Mean, 30 degrees.
Highest, 56 degrees; Date, 20th.
Lowest, 9 degrees; Date, 26th.
Absolute range, 47 degrees.
Greatest daily range, 30 degrees; Date, 26th.
Least daily range, 10 deg.; Date, 1st.
Mean daily range, 18 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 80 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 10.
Max. hourly velocity and direction, 48 N. W.; Date, 26th.
Total monthly movement, 7,489 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 18.
*Greatest 24 hour precipitation, (in. and 100ths), 1.46; Date, 11th, 12th. Total monthly precipitation (in. and 100ths), 3.60.
Total depth of snowfall (inches and 10ths), 4.5. Date of Thunder Storms, none.
Accumulated deficiency of precipitation since Jan. 1st, .71 inches.

COMPAR. TEMP. (Mon. Mean.)

1873...24 deg.	1887...25 deg.	1873...7.42	1887...4.24
1874...32 "	1888...21 "	1874...4.27	1888...5.48
1875...23 "	1889...34 "	1875...2.72	1889...4.47
1876...35 "	1890...35 "	1876...1.54	1890...3.07
1877...27 "	1891...31 "	1877...1.60	1891...6.77
1878...31 "	1892...27 "	1878...6.80	1892...5.39
1879...26 "	1893...20 "	1879...2.59	1893...3.47
1880...37 "	1894...30 "	1880...3.75	1894...2.74
1881...21 "	1895...27 "	1881...4.79	1895...5.13
1882...27 "	1896...25 "	1882...5.91	1896...1.82
1883...24 "	1897...28 "	1883...3.60	1897...3.85
1884...24 "	1898...30 "	1884...4.63	1898...4.96
1885...27 "	1899...28 "	1885...4.05	1899...4.33
1886...25 "	1900...30 "	1886...3.53	1900...3.60

COM. RAINFALL. (Inches and 100ths.)

Monthly mean humidity, 76 per cent. Monthly mean dew point, 22. Number of clear days, 18. Number of fair days, 7. Number of cloudy days, 6.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snowgauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIV. No. 2.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
G. H. WILSON, M.D., MERIDEN.
R. S. GOODWIN, M.D., THOMASTON.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF FEBRUARY, 1900.

THE TUTTLE, MOREHOUSE & TAYLOR CO., NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of February, 1900, and a Statement of the Births and Marriages for the Month of January, 1900.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 912,159.

TOWNS.	Estimated Population.	Living Births in Jan.	Still Births in Jan.	Marriages in Jan.	Total Deaths in Feb.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,940	32	1	6	22	20.4	1	4.5	----	----	----	----	----	----	1	----	1	----	----	----	----	1	1	2	2	6	1	----	7
Branford,	5,000	9	1	4	11	20.4	3	27.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	5	----	----	3
Bridgeport,	66,757	162	8	43	84	14.7	24	28.5	1	----	9	----	----	1	----	----	----	----	----	----	----	----	11	15	2	5	2	4	34
Bristol,	9,000	16	----	7	17	22.6	8	47.0	----	----	----	----	1	----	1	1	----	----	----	----	----	----	2	3	----	2	1	----	6
Danbury,	19,368	27	----	9	34	21.0	3	8.8	----	----	----	1	----	1	----	----	1	1	----	----	----	----	1	1	3	5	5	----	15
Derby,	8,500	16	1	12	10	14.1	4	40.0	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	1	----	----	1	----	5
East Hartford,	6,700	10	1	3	12	21.4	1	8.3	----	----	----	1	----	2	----	----	1	----	----	----	----	----	----	----	1	----	2	----	5
Enfield,	8,000	13	1	7	11	16 5	5	45.4	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	2	----	2	3	----	3
Greenwich,	13,000	20	----	2	25	23 0	11	44.0	----	----	----	----	----	2	----	1	----	----	----	----	2	1	3	9	2	2	----	----	3
Groton,	7,000	5	----	1	7	12.b	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	4	1	----	1	----	----
Hartford,	77,085	144	5	60	132	18 8	35	26.5	----	----	----	----	----	5	----	----	6	----	----	----	4	1	11	13	4	15	14	5	54
Huntington,	6,000	13	----	4	3	6.0	1	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	----	----	1
Killingly,	7,000	14	1	7	9	15.4	3	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	----	2	1	3
Manchester,	10,000	12	1	7	8	9 6	3	37.5	----	----	----	----	----	1	----	----	----	----	----	----	----	----	2	2	----	----	1	----	2
Meriden,	28,500	54	1	19	36	15.1	7	19.4	6	----	----	1	----	----	----	----	----	----	----	----	----	----	4	4	3	6	4	----	8
Middletown,	20,000	15	----	5	40	12.6	7	17.5	----	----	----	----	----	1	----	----	----	----	----	----	----	1	2	8	3	11	2	----	13
Naugatuck,	10,000	25	----	4	13	15.6	6	46 1	----	----	----	----	1	----	----	----	----	----	----	----	----	----	2	4	----	3	1	----	2
New Britain,	27,500	57	3	27	49	21.3	17	34.6	2	----	----	1	----	2	----	----	----	----	----	----	----	1	8	8	3	8	4	1	11
New Haven,	116,500	247	9	82	159	15 9	36	22.6	4	----	----	----	----	2	2	2	1	2	----	----	----	----	20	31	14	12	18	8	42
New London,	17,500	12	----	16	11	7 5	1	9.0	----	----	----	----	----	1	----	----	----	----	----	----	----	----	2	2	----	2	2	----	2
Norwalk,	23,000	27	----	10	24	12 5	7	29.1	----	----	----	1	----	----	----	----	----	----	----	----	----	----	2	6	1	2	1	2	9
Norwich,	25,500	42	1	13	47	22.5	11	23.4	----	----	----	----	----	2	----	----	----	----	----	----	----	1	3	7	5	6	6	3	14
Orange,	6,500	12	----	4	7	12 9	1	14.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	----	2	2
Plainfield,	5,000	8	----	4	6	14.4	1	16.6	2	----	1	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	----	----	1
Putnam,	6,800	19	----	6	6	10.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	1	----	3
Southington,	6,000	10	2	2	6	12.0	2	33.3	----	----	----	----	----	1	----	----	1	----	----	----	1	----	----	1	----	1	1	----	----
Stamford,	19,000	35	4	14	32	20.2	5	15.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	6	----	4	4	2	13
Stonington,	8,000	5	2	----	8	12.0	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	----	----	1	2	1	----	2
Thompson,	5,620	15	2	4	6	12.8	3	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	1	1	----	1
Torrington,	12,054	33	----	9	19	18.9	10	52.6	----	----	----	----	----	1	----	----	----	----	----	----	----	1	1	10	----	2	2	----	2
Vernon,	9,500	16	----	6	13	16 4	4	30.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	4	----	2	----	1	5
Wallingford,	9,000	16	2	6	6	8.0	1	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	4
Waterbury,	50,000	131	7	42	60	14.4	22	36.6	----	----	----	1	----	----	----	----	1	----	----	1	----	----	4	12	6	4	9	4	18
Winchester,	8,000	11	1	6	8	12.0	3	37.5	----	----	----	----	1	1	----	----	----	----	----	----	----	----	3	----	----	1	1	----	1
Windham,	10,000	16	----	9	19	22.8	5	26.3	----	----	----	----	----	1	----	----	----	----	----	----	----	----	4	----	2	----	1	1	10
Total of the 35 above towns,	680 324	1299	54	460	960	16 9	251	26.1	15	----	11	5	3	24	5	4	11	5	----	1	9	8	97	162	58	111	92	35	304
133 towns of less than 5,000 inhabitants,	231,835	332	24	102	301	15.5	42	13.9	1	----	10	1	----	4	2	1	5	4	----	----	3	3	20	41	16	26	26	18	120
Total reported from 168 towns,	912,159	1631	78	562	1261	16.5	293	23.2	16	----	21	6	3	28	7	5	16	9	----	1	12	11	117	203	74	137	118	53	424

The Mortality in Public Institutions of the State were: in Bridgeport, 9; in Hartford, 34; in Middletown, 21; and in New Haven, 25. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in February: Bethany, Bethlehem, Bridgewater, Burlington, East Granby, East Haven, Hampton, Hartland, Hebron, Killingworth, Monroe, Morris, Old Lyme, Old Saybrook, Salem, Scotland, Southbury, Union, West Hartford, Woodbridge—20.

REMARKS.

By Mortality Reports received, there were 1261 deaths during the month of February. This was 106 less than reported in January, and 69 more than in February of last year, and 99 more than the average number of deaths in February for the five years preceding.

	1900	1899	1898	1897	1896	1895
January,	1367	1565	1153	1123	1121	1036
February,	1261	1192	1026	1142	1094	1357

The death rate was 16.9 for the large towns; for the small towns 15.5, and for the whole State 16.5.

The deaths reported from communicable diseases were 135, being 10.7 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Ashford, 3; Barkhamsted, 1; Bozrah, 1; Bridgeport, 163; Bristol, 8; Canaan (epidemic); Colchester, 11; Cornwall, 4; Danbury (town), 1; Danielson (borough), 1; Derby, 2; East Lyme, 22; East Windsor, 3; Ellington, 1; Enfield, 2; Essex, 22; Fairfield, 16; Farmington, 2; Goshen, 3; Glastonbury, 1; Granby, 11; Greenwich, 1; Griswold, 4; Groton, 80; Harwinton, 9; Hebron, 1; Huntington, 3; Kent, 1; Killingly, 8; Lebanon, 1; Ledyard, 2; Litchfield, 3; Monroe, 1; Naugatuck, 1; New Haven, 30, New London, 16; New Milford, 1; Norfolk, 1; North Canaan (epidemic); Norwalk (city), 5; Norwalk (town), 25; Old Lyme, 13; Orange, 1; Prospect, 20; Rockville (city), 3; Salem, 14; Salisbury, 20; Sharon, 1; Simsbury, 8; Southbury, 4; Stafford Springs (borough), 3; Stamford (city), 15; Stamford, (town), 1; Sterling, 13; Stonington (town), 4; Suffield, 80; Thomaston, 2; Thompson (epidemic); Torrington (epidemic); Trumbull, 7; Voluntown, 2; Warren, 2; Waterbury (city), 131; Waterbury (town), 4; Waterford, 10; Watertown, 6; Westport, 1; Wilton, 1; Windsor, 1; Woodbury, 1—Total, 849+.

Scarlet Fever—Ansonia, 1; Branford, 1; Bridgeport, 9; Bristol, 1; Danbury (city), 2; Danielson (borough), 1; East Hartford, 7; East Windsor, 1; Ellington, 3; Glastonbury, 1; Greenwich, 1; Groton, 5; Hamden, 1; Hartford, 14; Huntington, 2; Kent, 8; Killingly, 1; Manchester, 5; Meriden (city), 5; Naugatuck, 2; New Britain (city), 9; New Hartford, 2; New Haven, 21; New London, 2; New Milford, 3; Orange, 1; Plainfield, 1; Plymouth, 3; Rockville (city), 1; Southington, 7; South Norwalk (city), 2; Stamford, (city), 1; Stonington (town), 1; Stonington (borough), 1; Wallingford, 2; Washington, 2; Waterbury (city), 4; Waterbury (town), 2; Watertown, 1; Westport, 2; Wethersfield, 1; Winchester, 3; Windsor, 1; Winsted (borough), 4.—Total, 148.

Cerebro-Spinal Fever—Lyme, 1.

Diphtheria and Croup—Ansonia, 1; Bethel, 3; Bloomfield, 1; Branford, 1; Bridgeport, 14; Coventry, 1; Danbury (city), 2; Derby, 1; East Hartford, 5; Enfield, 1; Essex, 7; Fairfield, 1; Farmington, 8; Glastonbury, 4; Greenwich, 4; Groton, 3; Guilford, 2; Hartford, 59; Manchester, 7; Meriden (city), 1; Naugatuck, 1; New Britain, 3; New Haven, 17; Newington, 3; New London, 2; North Haven, 2; Norwalk (town), 1; Rocky Hill, 4; Southington, 8; Stamford (city), 1; Thomaston, 1; Waterbury (city), 1; Willimantic (city) 2; Winsted (borough), 1; Woodbury, 1.—Total, 173.

Whooping Cough—Ansonia (many cases); Bristol, 4; Clinton, 6; Cornwall, 2; Danielson (borough), 3; Ellington, 12; Harwinton, 2; Hebron, 7; Kent, 2; Killingly, 20; Newtown, 4; Plainville 4; Salisbury (epidemic); Vernon, 3; Washington, 25; Westport (several cases); Willimantic (city), 3; Woodstock, 2.—Total, 99+.

Typhoid Fever—Avon, 1; Bridgeport, 3; Danbury (city), 1; East Hartford, 2; Hartford, 26; Kent, 1; Ledyard, 3; New Canaan, 1; New Haven, 6; Putnam, 1; Rockville (city), 1; Stamford (city), 1; Stonington (town), 1; Waterbury (city) 1—Total.—49.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Beacon Falls, Berlin, Bethany, Bethlehem, Bolton, Bridgewater, Brookfield, Brooklyn, Burlington, Canterbury, Canton, Chaplin, Chatham, Cheshire, Chester, Colebrook, Columbia, Cromwell, Darien, Durham, Eastford, East Granby, East Haddam, East Haven, Franklin, Hampton, Hartland, Jewett City (borough), Killingworth, Lisbon, Madison, Mansfield, Marlborough, Meriden (town), Middlebury, Middlefield, Milford, Montville, Morris, New Britain (town), New Fairfield, North Branford, North Stonington, Norwich (town), Old Saybrook, Oxford, Pomfret, Portland, Preston, Redding, Ridgefield, Roxbury, Saybrook, Scotland, Seymour, Shelton (borough), Sherman, Somers, South Windsor, Sprague, Stafford, Stratford, Tolland, Union, Westbrook, West Hartford, Weston, Willington, Windham, Windsor Locks, Wolcott, Woodbridge.—Total, 73.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Essex, 3; Harwinton, 1; North Canaan, 2; Prospect, 2; Trumbull, 1; Voluntown, 1.—Total, 10.

Scarlet Fever—New Hartford, 1.

Diphtheria and Croup—Easton, 1; Essex, 1; Glastonbury, 1; Windsor, 1.—Total, 4.

Whooping Cough—Salisbury, 2.

Typhoid Fever—Brooklyn, 1; Kent, 1; Ledyard, 1; New Canaan, 1; Norfolk, 1.—Total, 5.

All the Health Officers of Hartford, New Haven, Windham, Litchfield and Tolland Counties have reported. But the Health Officers of the following towns have not reported:

New London Co—Norwich (city).

Fairfield Co.—Easton.

Middlesex Co.—Middletown (city and town), office vacant, Haddam.

MEASLES.

There has not been a single month during the last ten years in which measles has not been reported as occurring somewhere in the state, often to the extent of between 2000 and 3000 in the month, although sometimes only a few dozen. The number last month undoubtedly far exceeded 1000. There is an increasing prevalence of the malady since the year began. It is a serious error and very widespread in the public mind that measles is a comparatively trivial disorder and the precautions to prevent its spread are unimportant and not worth the trouble. To show the fallacy of this belief and how dangerous it is to act upon it, it is only necessary to refer to the published reports of vital statistics.

In the last four years there were only 239 deaths from scarlet fever, in Connecticut, while there were 427 deaths from measles. Yet both diseases have been prevalent through the state all that time.

In the report of the Registrar-General of England for the decade 1888 to 1897 the deaths from scarlet fever numbered 57,226, while those from measles were 128,043, more than double the mortality of scarlet fever.

The report of the Registrar-General of Ireland for the same period is similar—scarlet fever 5272, measles 8842. It is true, the direct mortality from measles is not large in proportion to the whole number ill with it, but it has been observed for generations that following an epidemic of measles there is always an increased mortality from pneumonia, bronchitis and consumption. Is it a trivial disease that destroys more lives in ten consecutive years throughout both England and Ireland than the united victims of scarlet fever and diphtheria? Deaths from measles in those countries were 136,885. Deaths from scarlet fever and diphtheria together, in England and Ireland during the same 10 years were 135,681.

From these facts it must be conceded that measles is not a trivial malady but that its importance as a factor in public health ranks well up among the most dangerous diseases.

Is it a preventable disease? Yes. Inasmuch as its continued prevalence depends upon contagion it is preventable. But it is not so easily prevented as some other diseases. Its prevention and restriction depend much upon the ready and willing coöperation of parents and physicians.

It is a highly contagious disease in every stage of its progress. Hence its seed is often sown in a community before its presence even is suspected. In its incipient stage, although already infectious, it presents no distinctive characteristics to justify a positive diagnosis. It then apparently differs in no respect from a common "cold" affecting the mucus surfaces of the nose, eyes and lungs. It is not until the eruption appears that the diagnosis is confirmed. During that period of from two to four days the patient is not usually restricted in his liberty, but associates freely with his school-fellows and others, and plants an epidemic. The control of measles therefore is largely dependent upon the prudent care of *suspected* cases.

Physicians should not hesitate to acknowledge that they cannot identify measles before the eruption is seen. Parents should not send their children to school or to their neighbors, if suffering with a recent cough, watery eyes and a nasal catarrh; and teachers should be instructed to exclude pupils with such symptoms from the school rooms and send them home.

Primary cases of measles should be cared for as vigilantly as smallpox. Isolation and disinfection should be practiced unremittingly. And a placard should be placed upon the entrance of every house in which there is a case. The numerous instances related in the annual reports of the local Health Officers in this State, prove that the spread of measles can be controlled in large degree if the primary cases are taken care of. But when an epidemic has become general in a community, quarantining of all the cases will be impossible.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, March 15, 1900.

METEOROLOGICAL REPORT FOR THE MONTH OF FEBRUARY, 1900.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE.	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.77	29.93	7	12	11	17	5	12	71	72	W	18	W	10	407	30	.0	Clear	Clear	Clear
2	30.09	30.02	5	18	12	20	4	16	58	53	W	9	W	3	249	24	.0	Clear	Clear	Clear
3	30.18	30.25	15	28	20	28	12	16	64	65	W	10	W	1	209	24	.0	Clear	Clear	Clear
4	30.14	29.67	24	43	34	49	20	29	80	85	N	3	S	10	176	19	T	Cloudy	Sprinkling	Cloudy
5	29.38	30.05	35	28	38	51	24	27	82	43	N W	20	N W	24	521	42	.98	Cloudy	Clear	Clear
6	30.06	30.08	25	37	32	42	31	21	74	66	S E	6	N W	5	124	15	.0	Cloudy	Clear	Partly Cl'dy
7	30 35	30.35	25	36	32	39	25	14	74	77	N	5	E	6	127	15	.0	Clear	Cloudy	Clear
8	30.22	30.04	38	42	40	44	35	9	96	100	E	4	E	15	189	18	.56	Light Rain	Light Rain	Cloudy
9	29.95	30.31	42	33	38	48	29	19	100	95	N	9	N	23	359	29	.28	Light Rain	Cloudy	Partly Cl'dy
10	30.40	30.32	28	33	32	37	26	11	71	82	N	12	N E	9	300	24	.0	Partly Cl'dy	Cloudy	Clear
11	30.24	30.29	28	38	34	41	28	13	88	65	N E	15	N	6	204	18	T	Cloudy	Cloudy	Partly Cl'dy
12	30.39	30.21	35	43	40	46	33	13	73	93	N E	2	N E	16	166	16	.29	Cloudy	Light Rain	Cloudy
13	29.76	29.65	51	54	46	55	36	19	100	53	S	27	N W	20	554	33	1.93	Light Rain	Cloudy	Cloudy
14	30.16	30.20	30	36	34	40	29	11	57	42	N W	18	W	12	363	28	.0	Clear	Clear	Clear
15	30.08	29.82	34	45	39	47	31	16	62	38	S W	2	W	20	260	26	.0	Clear	Clear	Clear
16	30.05	30.06	23	27	28	32	23	9	73	48	E	10	W	3	192	22	.0	Cloudy	Cloudy	Partly Cl'dy
17	30.04	29.76	24	23	24	28	19	9	74	86	E	14	N E	26	417	35	.35	Cloudy	Heavy Snow	Cloudy
18	29.55	29.74	20	20	22	31	12	19	70	41	N	26	N W	5	406	36	.50	Cloudy	Clear	Partly Cl'dy
19	29.80	29.85	11	23	20	31	8	23	54	46	W	5	N W	10	296	24	.0	Clear	Clear	Clear
20	30.23	30.35	22	32	28	40	16	24	46	40	N W	2	N W	7	145	14	.0	Clear	Clear	Clear
21	30.32	30.11	24	37	30	40	20	20	50	60	W	1	N E	6	115	12	.0	Partly Cl'dy	Clear	Clear
22	29.52	29.28	47	44	42	50	35	15	91	85	E	36	W	5	390	44	.53	Light Rain	Cloudy	Cloudy
23	29.30	29.55	37	39	39	42	36	6	87	53	W	10	N W	10	264	22	T	Cloudy	Partly Cl'dy	Partly Cl'dy
24	29.76	29.40	36	45	39	48	34	14	73	67	S W	6	S	9	249	26	.0	Clear	Cloudy	Clear
25	29.07	29.47	20	12	28	46	10	36	65	40	N W	15	W	18	493	38	.97	Light Snow	Clear	Partly Cl'dy
26	29.84	30.14	13	13	12	19	6	13	54	24	N	14	N W	4	284	21	.0	Clear	Clear	Clear
27	30.55	30.75	−1	14	8	16	−1	17	45	27	N	3	W	3	78	8	.0	Clear	Clear	Clear
28	30.73	30.48	12	34	20	35	5	30	56	75	N W	3	S E	4	74	4	T	Clear	Cloudy	Cloudy
Month Ave's.	30.00	30.00	26	32	29	38	21	17	71	62	N	11	N W	10	272	44	Total, 6.39			

SUMMARY.

BAROMETER.

Monthly Mean, 30.00 inches.

Highest, 30.75 in.; Date, 27th.

Lowest, 29.07 in.; Date, 25th.

Monthly range, 1.68.

TEMPERATURE.

Monthly Mean, 29 degrees.
Highest, 55 degrees; Date, 13th.
Lowest, −1 degree; Date, 27th.
Absolute range, 56 degrees.
Greatest daily range, 36 degrees; Date, 25th.
Least daily range, 6 deg.; Date, 23d.
Mean daily range, 17 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 100 degrees.

WIND.

Prevailing direction, W.
Mean hourly velocity, 11.
Max. hourly velocity and direction, 44 E.; Date, 22d.
Total monthly movement, 7,612 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 13.
*Greatest 24 hour precipitation, (in. and 100ths). 1.93; Date, 12th, 13th. Total monthly precipitation (in. and 100ths), 6.39.
Total depth of snowfall (inches and 10ths), 9.0. Date of Thunder Storms, 24th.
Accumulated deficiency of precipitation since Jan. 1st, 1.56 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---26 deg.	1887---30 deg.	1873---3.45	1887--- 6.22
1874---28 "	1888---28 "	1874---3.86	1888---3.16
1875---24 "	1889---25 "	1875---3.98	1889---2.08
1876---32 "	1890---30 "	1876---4.29	1890---3.19
1877---36 "	1891---32 "	1877---1.07	1891---5.88
1878---33 "	1892---31 "	1878---6.40	1892---1.56
1879---27 "	1893---26 "	1879---3.89	1893---6.23
1880---34 "	1894---26 "	1880---3.80	1894---4.23
1881---26 "	1895---22 "	1881---6.17	1895--- .99
1882---32 "	1896---26 "	1882---4.52	1896---5.65
1883---28 "	1897---30 "	1883---5.00	1897---2.00
1884---33 "	1898---31 "	1884---5.57	1898---4.55
1885---20 "	1899---29 "	1885---3.15	1899---3.38
1886---27 "	1900---29 "	1886---3.25	1900---6.39

COM. RAINFALL. (Inches and 100ths.)

Monthly mean humidity, 66 per cent. Monthly mean dew point, 19. Number of clear days, 14. Number of fair days, 7. Number of cloudy days, 7.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snowgauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIV. NO. 3.

MEMBERS OF THE BOARD.

PROF. WM. H BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D , NEW HAVEN, SEC'Y.
G. H. WILSON, M.D., MERIDEN.
R. S. GOODWIN, M.D., THOMASTON.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MARCH, 1900.

THE TUTTLE, MOREHOUSE & TAYLOR CO., NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of March, 1900, and a Statement of the Births and Marriages for the Month of February, 1900.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 912,159.

TOWNS.	Estimated Population.	Living Births in Feb.	Still Births to Feb.	Marriages in Feb.	Total Deaths in Mar.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,940	28	2	16	20	18.5	4	20.0	4	----	----	1	----	----	----	----	----	----	----	1	----	----	2	----	1	3	1	1	6
Branford,	5,000	11	----	1	5	12.0	1	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	1	2
Bridgeport,	66,757	143	6	61	140	24.4	39	27.8	18	----	5	----	----	3	----	2	2	----	----	----	2	----	14	23	6	8	8	7	42
Bristol,	9,000	17	2	6	10	13.3	4	40.0	2	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	----	3	1	----	2
Danbury,	19,368	26	----	7	32	19.8	5	15.6	----	----	----	----	----	1	----	----	----	----	----	----	----	----	4	5	1	3	9	2	7
Derby,	8,500	14	----	12	10	14.1	2	20.0	2	----	----	1	----	----	----	----	----	----	----	----	----	----	----	1	----	1	1	----	4
East Hartford,	6,700	9	1	3	9	16.1	3	33.3	1	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	----	----	2	3
Enfield,	8,000	16	----	6	7	10.5	1	14.2	----	----	----	----	----	----	----	----	----	1	----	----	----	1	----	----	----	1	2	----	2
Greenwich,	13,000	19	1	5	20	18.4	8	40.0	2	----	----	----	----	1	----	----	1	----	----	----	----	----	----	5	2	4	----	----	6
Groton,	7,000	6	----	3	13	22.2	1	7.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	----	----	3	----	6
Hartford,	77,085	157	----	56	131	18.8	35	26.7	----	----	----	----	----	6	1	----	5	----	----	----	2	----	17	25	2	12	5	2	54
Huntington,	6,000	8	----	----	7	14.0	4	57.1	----	----	----	----	----	----	----	1	----	----	----	----	----	----	1	----	1	1	----	----	3
Killingly,	7,000	13	2	4	20	34.2	3	15.0	----	----	----	----	----	1	----	----	1	----	----	----	----	----	2	3	----	1	1	----	11
Manchester,	10,000	19	1	5	13	15.6	3	23.0	1	----	----	----	----	----	----	----	1	----	----	----	----	----	4	2	1	1	1	1	1
Meriden,	28,500	46	----	14	50	21.0	10	20.0	5	----	----	----	----	2	----	----	----	1	----	----	----	----	6	14	1	4	2	2	13
Middletown,	20,000	15	1	7	40	14.4	2	5.0	----	----	----	----	----	----	----	1	----	----	----	----	----	----	5	5	3	7	9	----	10
Naugatuck,	10,000	23	1	6	19	22.8	5	26.3	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	11	----	2	----	----	4
New Britain,	27,500	57	1	29	74	32.2	16	21.7	14	----	----	1	3	4	----	----	----	----	----	----	1	----	5	12	5	7	8	1	13
New Haven,	116,500	224	11	67	200	20.1	59	29.5	10	----	----	1	----	3	----	1	2	1	----	----	----	----	19	40	18	27	7	7	64
New London,	17,500	41	3	11	46	20.4	13	27.0	----	----	----	----	----	1	----	----	----	----	----	----	1	----	4	5	1	6	6	1	21
Norwalk,	23,000	23	2	10	33	17.2	6	18.1	14	----	----	----	----	----	----	----	----	----	----	----	----	----	2	7	1	2	----	----	7
Norwich,	25,500	45	1	20	41	19.2	8	19.5	----	----	----	----	----	----	----	----	----	----	----	----	1	----	6	10	1	6	3	----	14
Orange,	6,500	5	----	4	12	22.1	1	8.3	2	----	----	----	----	----	----	1	----	----	----	----	1	----	2	2	1	----	----	----	3
Plainfield,	5,000	8	2	1	14	33.6	5	35.7	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	4	1	2	1	3	1
Putnam,	6,800	18	----	8	8	14.1	1	12.5	----	----	----	----	----	----	----	----	1	----	----	----	----	----	2	----	----	----	4	----	1
Southington,	6,000	14	----	2	16	32.0	5	31.2	----	----	1	----	----	1	----	----	----	----	----	----	1	----	2	----	2	3	2	1	3
Stamford,	19,000	30	1	9	27	17.0	3	11.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	5	2	6	6	----	7
Stonington,	8,000	15	----	8	16	24.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	7	1	2	----	----	4
Thompson,	5,620	10	----	5	10	21.3	4	40.0	----	----	----	----	----	----	1	----	----	1	----	----	----	----	1	1	1	----	2	----	3
Torrington,	12,054	29	----	8	24	23.8	11	45.8	----	----	3	----	----	----	----	----	----	----	----	1	----	----	2	2	----	8	1	2	5
Vernon,	9,500	11	----	6	12	15.1	1	8.3	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	1	2	1	----	4
Wallingford,	9,000	22	1	6	17	22.6	3	17.6	----	----	----	1	----	----	----	----	----	----	----	----	----	----	4	3	----	1	1	----	7
Waterbury,	50,000	107	2	35	87	20.8	40	45.9	----	----	10	1	----	3	1	----	----	----	----	----	3	2	5	21	6	9	2	1	23
Winchester,	8,000	7	1	8	16	24.0	2	12.5	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	1	2	3	----	----	8
Windham,	10,000	22	----	5	23	27.6	5	21.7	9	----	----	----	----	----	----	----	----	----	----	1	----	1	2	2	----	1	2	1	4
Total of the 35 above towns,	680,324	1268	42	454	1222	21.5	313	25.6	85	----	19	6	4	27	4	6	13	4	1	2	13	4	118	227	60	136	90	35	368
130 towns of less than 5,000 inhabitants,	229,396	298	19	91	469	24.5	55	11.7	43	----	13	1	2	6	1	3	3	----	----	1	3	2	26	80	26	45	55	16	143
Total reported from 165 towns,	909,720	1566	61	545	1691	22.3	368	21.7	128	----	32	7	6	33	5	9	16	4	1	3	16	6	144	307	86	181	145	51	511
Population of towns not reporting,	2,439																												

The Mortality in Public Institutions of the State were: in Bridgeport, 12; in Hartford, 21; in Middletown, 16; and in New Haven, 27. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in March: Bethlehem, Bozrah, Bridgewater, Chaplin, Colebrook, Goshen, Hampton, Hartland, Killingworth, Lisbon, Marlborough, Morris, Old Lyme, Saybrook, Scotland, Sherman, Voluntown, Westbrook, Wolcott, Woodbridge—20.

The Registrars of the following towns have made no report for March: Beacon Falls, Columbia, Willington—3.

REMARKS.

By Mortality Reports received, there were 1691 deaths during the month of March. This was 430 more than reported in February, and 470 more than in March of last year, and 379 more than the average number of deaths in March for the five years preceding.

	1900	1899	1898	1897	1896	1895
January,	1367	1565	1153	1123	1121	1036
February,	1261	1192	1026	1142	1094	1357
March,	1691	1221	1272	1369	1288	1410
Total 1st quarter,	4319	3978	3451	3634	3503	3803

The death rate was 21.5 for the large towns; for the small towns 24.5, and for the whole State 22.3.

The deaths reported from communicable diseases were 266, being 15.8 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Varioloid—New Haven, 2.

Measles—Ansonia, 9; Ashford, 4; Avon, 2; Barkhamsted, 21; Bozrah, 1; Branford, 1; Bridgeport, 124; Brookfield, 1; Burlington, 1; Canaan, 15; Canton, 10; Cheshire, 2; Chester, 6; Colchester, 29; Cornwall, 14; Danbury (city), 1; Darien, 1; Derby, 9; East Granby, 3; East Haddam, 5; East Hartford, 5; East Lyme, 98; East Windsor, 1; Ellington, 3; Enfield, 1; Essex, 9; Fairfield, 6; Farmington, 6; Granby, 14; Greenwich, 8; Griswold, 2; Groton, 32; Guilford, 11; Harwinton, 9; Hebron, 2; Huntington, 2; Kent, 40; Killingly, 3; Lebanon, 8; Litchfield, 1; Middlebury, 2; Milford, 3; Montville, 2; Morris, 2; Naugatuck, 3; New Fairfield, 1; New Hartford, 7; New Haven, 43, New London, 31; New Milford, 3; Newtown, 9; Norfolk, 3; North Stonington, 15; Norwalk (city), 8+; Norwalk (town), 1+; Norwich (city), 3; Old Lyme, 5; Orange, 3; Plymouth, 1; Putnam, 2; Redding, 1; Salisbury (epidemic); Shelton (borough), 1; Somers, 6; South Windsor, 1; Sprague, 3; Stafford, 13; Stafford Springs (borough), 23; Stamford (city), 4; Sterling, 3; Stonington, 3; Stratford, 3; Suffield, 75; Thomaston, 28; Tolland, 12; Trumbull, 4; Union, 6; Warren, 2; Waterbury (city), 241; Waterbury (town), 85; Waterford, 6; Watertown, 10; Westport, 1; Willington, 3; Winsted (borough), 3; Windham (mild epidemic); Windsor, 6; Windsor Locks (several); Wolcott, 5; Woodbury, 3; Woodstock, 40—Total, 1249+.

Scarlet Fever—Ansonia, 1; Bethel, 2; Bethlehem, 1; Branford, 2; Bridgeport, 12; Brooklyn, 1; Canton, 2; Danbury (city), 3; Danielson (borough), 1; Derby, 3; East Hartford, 3; East Windsor, 1; Ellington, 1; Glastonbury, 7; Groton, 1; Hamden, 2; Hartford, 8; Kent, 2; Meriden (city), 12; Meriden (town), 2; Middletown, 3; Milford, 1; Naugatuck, 2; New Britain (city), 13; New Britain (town), 1; New Haven, 51; New London, 2; New Milford, 4; Norwalk (town), 4; Portland, 1; Putnam, 2; Ridgefield, 1; Rockville (city), 2; Seymour, 3; Simsbury, 3; Southington, 6; South Norwalk (city), 3; Stamford (city), 3; Stamford (town), 1; Thompson, 2; Voluntown, 1; Wallingford, 2; Waterbury (city), 3; Waterbury (town), 2; Wethersfield, 1; Winsted (borough), 6; Windsor, 1; Windsor Locks, 2; Woodbury, 1.—Total, 193.

Cerebro-Spinal Fever—Avon, 1; Stonington (borough), 1.—Total, 2.

Diphtheria and Croup—Ansonia, 1; Bloomfield, 10; Branford, 1; Bridgeport, 10; Cromwell, 1; Danbury (city), 1; East Haddam, 1; East Hartford, 5; East Windsor, 1; Enfield, 1; Essex, 1; Goshen, 1; Greenwich, 1; Guilford, 3; Hartford, 49; Manchester, 2; Meriden (city), 2; Meriden (town), 1; Middletown, 1; New Britain (city), 6; New Haven, 11; New London, 11; North Haven, 1; Norwalk (town), 1; Norwich (city), 3; Norwich (town), 1; Old Lyme, 1; Shelton (borough), 2; Southbury, 1; Southington, 7; Sprague, 1; Stonington, 1; Torrington, 2; Waterbury (city), 6; Waterford, 3; Westport, 1; Winsted (borough), 2; Willimantic (city), 1; Windsor Locks, 2; Woodbridge 1; Woodbury 4.—Total, 162.

Whooping Cough—Ansonia (several); Canton, 1; Clinton, 3; Cornwall, 5; Ellington, 8; Essex, 7; Granby, 5; Kent, 10; Killingly, 6; Manchester, 2; Newington, 3; Newtown (epidemic); Plainville, 2; Putnam, 10; Sherman, 1; South Windsor, 4; Torrington, 2; Waterbury (city), 1; Westport (several); Wilton, 1; Willimantic (city), 3.—Total, 74.

Typhoid Fever—Andover, 1; Bridgeport, 1; Brooklyn, 1; Canton, 1; Danbury (city), 1; Danielson (borough), 1; Derby, 1; East Hartford, 1; Farmington, 1; Hartford, 13; Manchester, 1; New Haven, 2; New Milford, 1; Norwich (city), 1; Old Saybrook, 1; Suffield, 1; Torrington, 2; Waterbury (city), 1; Winsted (borough), 1.—Total, 33.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Beacon Falls, Berlin, Bethany, Bolton, Bridgewater, Bristol, Canterbury, Chaplin, Chatham, Colebrook, Columbia, Coventry, Danbury (town), Durham, Eastford, East Haven, Easton, Franklin, Hampton, Hartland, Jewett City (borough), Killingworth, Ledyard, Lyme, Madison, Mansfield, Marlborough, Middlefield, Monroe, New Canaan, North Branford, North Canaan, Oxford, Pomfret, Preston, Prospect, Rocky Hill, Roxbury, Salem, Saybrook, Scotland, Sharon, Vernon, Washington, West Hartford, Weston, Winchester.—Total, 47.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Canton, 2; East Windsor, 2; New Hartford, 1; Newtown, 1; North Canaan, 1; Salisbury, 3; Simsbury, 1; Sprague, 1; Stratford, 1.—Total, 13.

Scarlet Fever—Milford, 1.

Cerebro-Spinal Fever—Guilford, 1; Stratford, 1.—Total, 2.

Diphtheria and Croup—Bloomfield, 1; Cromwell, 1; East Haddam, 1; Windsor Locks, 2; Woodbury, 1.—Total, 6.

Whooping Cough—Salisbury, 1.

Typhoid Fever—Canton, 2; Suffield, 1.—Total, 3.

All the Health Officers of Hartford, New Haven, Fairfield, Litchfield and Tolland Counties have reported. But the Health Officers of the following towns have not reported:

New London Co.—Lisbon.

Windham Co.—Plainfield.

Middlesex Co.—Haddam, Westbrook.

List of practitioners who have been examined, found qualified and registered since Sept. 14th, 1899:

Names.	Where registered.
Kenneth E. Kellogg,	New Britain.
Wm. H. Barton,	" "
Harry M. Lee,	New London.
Carroll C. Beach,	Hartford.
Joseph A. Gerouard,	Windham.
Howard F. King,	Windsor.
Joseph C. Guinan,	Hartford.
Wm. F. Meagher,	"
Amos Avery,	Norwich.
Carrie North,	Goshen.
Robert J. Ferguson,	New Haven.
Michael R. Laden,	Wallingford.
Joseph E. Fitzsimons,	Waterbury.
Thomas H. Mann,	Montville.
Wm. Thomas Owens,	East Canaan.
Herbert A. Roberts,	Derby.
Francis P. Heery,	New Haven.
Wm. P. S. Keating,	Windham.
Jeremiah J. Cohane,	Norwich.
Walter R. Steiner,	Hartford.
John T. Black,	Norwich.
Edward E. Rowell, Jr.,	Stamford.
Richard M. English,	Bridgeport.
Edward O'R. Maguire,	Derby.
Harry H. Moore,	Suffield.
Walter H. Kiernan,	Danbury.
David H. Monahan,	Southington.
Herbert T. Thurber,	Killingly.
Sarah J. White,	Farmington.

The above were found qualified as general Practitioners, and the following as Midwives:

Mary Brodzik,	New Britain.
Sarah Wheale,	Bridgeport.

Note.—Besides the above, six others were examined and found qualified March 14th, 1900, but they have not yet presented their vouchers for Registration.

Of these the Committee of the Conn. Med. Soc. examined		21
The Committee of the Homeopathic Med. Soc.	"	8
" " " Eclectic Med. Ass.	"	2

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, April 15, 1900.

METEOROLOGICAL REPORT FOR THE MONTH OF MARCH, 1900.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

Date.	Barometer.†		Temperature.‡						Relative Humidity.‖		Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.92	29.19	36	48	42	51	32	19	91	91	E	3	S	13	264	36	1.03	Cloudy	Sprinkling	Cloudy
2	29.42	29.69	30	33	34	41	26	15	57	83	W	29	N W	16	462	34	T	Clear	Cloudy	Clear
3	29.94	30.18	25	33	31	37	25	12	62	33	N	14	N W	11	360	30	.0	Partly Cl'dy	Clear	Clear
4	30.32	30.18	31	40	36	46	25	21	43	56	S W	7	S W	8	213	22	.0	Cloudy	Cloudy	Partly Cl'dy
5	30.26	30.51	34	30	30	37	24	13	91	52	N E	10	N E	12	263	24	.01	Cloudy	Clear	Partly Cl'dy
6	30.40	29.90	26	35	36	49	24	25	88	91	E	9	E	4	254	24	.49	Light Snow	Sprinkling	Cloudy
7	30 09	30.39	40	33	38	51	26	25	72	42	N W	24	N	10	355	28	.03	Partly Cl'dy	Clear	Clear
8	30.59	30.53	25	32	32	40	24	16	50	55	N E	12	S W	6	202	20	.0	Partly Cl'dy	Clear	Clear
9	30.52	30.04	30	38	33	44	22	22	78	81	N W	2	S	6	118	12	.0	Clear	Cloudy	Clear
10	29.72	29.78	37	12	41	51	31	20	91	48	W	3	N W	14	256	26	T	Partly Cl'dy	Clear	Clear
11	29.94	29.93	21	22	22	31	13	18	41	39	N E	11	N	14	365	24	.0	Clear	Clear	Clear
12	30.07	30.14	9	22	18	28	7	21	64	19	N	24	N	15	338	26	.0	Clear	Clear	Clear
13	30.12	29.96	15	33	23	34	12	22	47	56	N E	12	S W	3	177	16	.0	Clear	Clear	Clear
14	29.93	29.99	30	30	30	44	17	27	57	41	N W	4	N	11	213	20	.0	Clear	Clear	Clear
15	30.14	29.92	19	22	22	28	16	12	69	86	N E	6	N E	20	257	26	.14	Cloudy	Heavy Snow	Cloudy
16	29.26	29.76	32	30	29	35	23	12	95	47	N	4	W	12	342	35	1.71	Light Rain	Clear	Partly Cl'dy
17	30.06	30.16	24	19	21	30	12	18	54	24	W	11	W	13	336	33	.0	Clear	Clear	Clear
18	30.30	30.10	13	30	20	33	8	25	31	62	N	6	S	8	175	15	T	Clear	Cloudy	Clear
19	29.94	29.81	41	44	40	48	33	15	80	81	S W	12	S W	13	220	15	.04	Clear	Sprinkling	Partly Cl'dy
20	29.66	29.78	41	39	43	51	35	16	100	51	S W	4	N	10	236	19	.60	Foggy	Clear	Clear
21	30.00	30.13	30	30	30	35	26	9	57	52	N W	12	N W	9	367	30	.0	Clear	Clear	Clear
22	30.25	30.04	27	38	34	44	24	20	53	67	W	12	S W	14	264	33	.0	Clear	Clear	Clear
23	29.96	29.92	40	46	46	58	34	24	68	30	S W	7	N W	8	264	28	T	Clear	Clear	Clear
24	30.06	30.04	31	33	32	40	25	15	43	42	N W	6	N W	6	206	18	.0	Clear	Clear	Clear
25	30.10	29.91	28	38	31	40	22	18	45	32	N	6	N	3	167	15	.0	Clear	Clear	Clear
26	29.86	29.68	31	34	33	40	26	14	68	91	N E	6	E	3	113	11	.04	Cloudy	Cloudy	Cloudy
27	29.71	29.83	36	41	40	49	32	17	73	50	W	3	W	7	171	17	.12	Clear	Clear	Clear
28	29.86	29.92	33	36	37	44	30	14	51	56	N	10	N	15	291	28	.0	Clear	Clear	Clear
29	30.02	30.03	37	41	40	48	32	16	48	36	N W	12	N	7	209	22	.0	Clear	Clear	Clear
30	30.01	29.86	34	40	38	44	33	11	75	45	N E	8	S E	4	138	9	.0	Cloudy	Cloudy	Cloudy
31	29.76	29.83	36	38	39	45	33	12	66	50	N E	12	N	14	297	26	.0	Cloudy	Clear	Partly Cl'dy
Month Ave's.	30.00	29.97	30	35	33	42	24	18	65	54	N E	10	N	10	255	36	Total, 4.21			

SUMMARY.

Barometer.

Monthly Mean, 29.99 inches.

Highest, 30.59 in.; Date, 8th.

Lowest, 29.26 in.; Date, 16th.

Monthly range, 1.33.

Temperature.

Monthly Mean, 33 degrees.
Highest, 58 degrees; Date, 23d.
Lowest, 7 degree; Date, 12th.
Absolute range, 51 degrees.
Greatest daily range, 27 degrees; Date, 14th.
Least daily range, 9 deg.; Date, 21st.
Mean daily range, 18 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 46 degrees.

Wind.

Prevailing direction, N.
Mean hourly velocity, 11.
Max. hourly velocity and direction, 36 S E.; Date, 1st.
Total monthly movement, 7,893 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 14.
*Greatest 24 hour precipitation, (in. and 100ths), 1.85; Date, 15th, 16th. Total monthly precipitation (in. and 100ths), 4.21.
Total depth of snowfall (inches and 10ths), 4 in. Date of Thunder Storms, none.
Accumulated deficiency of precipitation since Jan. 1st, 1.56 inches.

Compar. Temp. (Mon. Mean.)

1873---33 deg.	1887---31 deg.	1873---4.01	1887--- 4.22
1874---35 "	1888---30 "	1874---1.34	1888---7.46
1875---31 "	1889---39 "	1875---3.24	1889---1.44
1876---35 "	1890---34 "	1876--10.15	1890---6.60
1877---37 "	1891---35 "	1877---8.09	1891---3.68
1878--- 43 "	1892---33 "	1878---4.18	1892---3.07
1879---36 "	1893---34 "	1879---5.82	1893---4.50
1880---36 "	1894---41 "	1880---5.68	1894---1.15
1881---37 "	1895---34 "	1881- 10.42	1895---2.36
1882---37 "	1896---31 "	1882---3.59	1896---5.61
1883---36 "	1897---38 "	1883---1.64	1897---3.36
1884---34 "	1898---42 "	1884---4.19	1898---2.54
1885---27 "	1899---34 "	1885---1.19	1899---7.28
1886---35 "	1900---33 "	1886---3.20	1900---4.21

Com. Rainfall. (Inches and 100ths.)

Monthly mean humidity, 60 per cent. Monthly mean dew point, 20. Number of clear days, 21. Number of fair days, 5. Number of cloudy days, 5.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snowgauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIV. No. 4.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M D , NEW HAVEN, SEC'Y.
G. H. WILSON, M.D., MERIDEN.
R. S. GOODWIN, M D., THOMASTON.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF APRIL, 1900.

THE TUTTLE, MOREHOUSE & TAYLOR CO., NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of April, 1900, and a Statement of the Births and Marriages for the Month of March, 1900.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 912,159.

TOWNS.	Estimated Population.	Living Births in Mar.	Still Births in Mar.	Marriages in Mar.	Total Deaths in Apr.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,940	31	1	4	22	20.4	6	27.2				1			1				3				11		1		1	4
Branford,	5,000	13		2	6	14.2	3	50.0													1		1	2			1	1
Bridgeport,	66,757	158	9	26	140	24.9	53	37.8	13		5		1		1					1	5		15	34	6	8	6	6	39
Bristol,	9,000	12	2	2	23	30.6	6	26.0							1		5		1				3	5			1		7
Danbury,	19,368	32	1	8	35	21.6	7	20.6						1									5	6	2	1	6	3	11
Derby,	8,500	21		2	14	19.7	3	21.4	1						1					1			4	4		2			1
East Hartford,	6,700	14			5	8.9	1	20.6																2			1		2
Enfield,	8,000	12	1	3	6	9.0	1	16.6															1			2	2		1
Greenwich,	13,000	29		3	15	13.9	1	6.6	1											1			3	4		3			3
Groton,	7,000	7	1	2	7	12.0	1	14.2																2		1			4
Hartford,	77,085	170	4	39	132	19.3	30	22.7						2	2		3						15	27	2	20	6	7	48
Huntington,	6,000	11	1	1	7	14.0	3	42.8															1	2	1	1			2
Killingly,	7,000	13	1	3	20	34.2	2	10.0															2	8		3	1		6
Manchester,	10,000	13	3	3	20	24.0	8	40.0							1			1				1	1		3	4	2	2	5
Meriden,	28,500	54	3	8	37	15.5	2	5.4			2	1							9				5	9		4	1	2	4
Middletown,	20,000	18	2	3	36	10.2	5	13.8									1				1		8	6	1	3	4	1	11
Naugatuck,	10,000	19		4	17	20.4	3	17.6							1							2		5	1	1	2		5
New Britain,	27,500	54	4	10	57	24.8	18	31.5	7		1			4							2		5	9		7	5	1	16
New Haven,	116,500	228	9	42	197	19.1	40	20.3	8		2			2		1		1			2	1	20	50	11	21	14	5	59
New London,	17,500	31	1	7	29	19.8	7	24.1			2		1	1							1		2	7		3	1	2	9
Norwalk,	23,000	25	2	3	27	14.0	2	7.4																4		5	2	2	14
Norwich,	25,500	42	1	6	39	18.3	9	23.0						1		1							6	7	1	6	4		13
Orange,	6,500	14	1	1	7	12.9	2	28.5													1			4	1				1
Plainfield,	5,000	6			12	28.8	2	16.6											4					2		2	1	1	2
Putnam,	6,800	14	2	4	18	31.7	8	44.4							1						1		3	2		1		3	7
Southington,	6,000	11		2	10	20.0											2							5	2			1	
Stamford,	19,000	34	1	5	30	18.9	3	10.0			1												1	3		3	8	1	13
Stonington,	8,000	17		3	16	24.0	6	37.5					1						1	1	1		3	2		2	2		3
Thompson,	5,620	11		2	8	17.0	2	25.0															1	2	1				4
Torrington,	12,054	28	1	2	15	14.9	7	46.6			1													4	2	4		1	3
Vernon,	9,500	10	2	3	15	18.9	5	33.3				1												1	2		1	1	8
Wallingford,	9,000	23		2	16	21.3	3	18.7															3	4		1		2	6
Waterbury,	50,000	116	4	11	94	22.5	40	42.5			5			1						1			6	22	8	14	5	1	31
Winchester,	8,000	10	2	3	14	21.0	3	21.4				2	1			2							1	2		2	2		2
Windham,	10,000	21		7	13	15.6	2	15.3							1								5	1	1			1	4
Total of the 35 above towns,	680,324	1322	59	226	1159	20.4	294	25.3	30		16	7	5	12	10	4	11	2	18	6	14	4	120	258	45	126	77	45	349
133 towns of less than 5,000 inhabitants	231,835	376	19	63	519	26.9	45	8.6	31		15		1	12	1	4	1	1	10	2	2	4	41	93	28	54	49	17	153
Total reported from 168 towns,	912,159	1698	78	289	1678	22.0	339	20.2	61		31	7	6	24	11	8	12	3	28	8	16	8	161	351	73	180	126	62	502

The Mortality in Public Institutions of the State were: in Bridgeport, 20; in Hartford, 31; in Middletown, 21; and in New Haven, 29. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in April: Beacon Falls, Bolton, East Haven, Hampton, Hartland, Marlborough, Middlebury, Sherman, Somers, Union, Warren, Wolcott—12.

REMARKS.

By Mortality Reports received, there were 1678 deaths during the month of April. This was 13 less than reported in March, and 509 more than in April of last year, and 473 more than the average number of deaths in April for the five years preceding.

	1900	1899	1898	1897	1896	1895
January,	1367	1565	1153	1123	1121	1036
February,	1261	1192	1026	1142	1094	1357
March,	1691	1221	1272	1369	1288	1410
Total 1st quarter,	4319	3978	3451	3634	3503	3803
April,	1678	1169	1197	1212	1255	1194

The death rate was 20.4 for the large towns; for the small towns 26.9, and for the whole State 22.0.

The deaths reported from communicable diseases were 223, being 13.2 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Ansonia, 59+; Ashford, 23; Avon, 5; Beacon Falls, 1; Bethel, 2; Barkhamsted, 15; Bridgeport, 30; Brookfield, 4; Canaan, 5; Canton, 17; Chester, 1; Clinton, 2; Coventry, 1; Cromwell, 1; Danbury (city), 12; Danbury, (town), 3; Darien, 2; Derby, 28; Eastford, 9; Easton, 1; East Haddam, 6; East Haven, 2; East Lyme, 58; East Windsor, 8; Ellington, 1; Enfield, 1; Essex, 12; Fairfield, 4; Farmington, 36; Franklin, 1; Granby, 4; Greenwich, 24; Griswold, 2; Groton, 48; Guilford, 2; Harwinton, 11; Hebron, 1; Huntington, 6; Jewett City (borough), 7; Kent, 26; Lebanon, 1; Lisbon, 8; Litchfield, 5; Madison, 3; Mansfield, 1; Meriden (city), 1; Middlebury, 7; Middletown, 3; Milford, 3; Monroe, 1; Montville, 2; Naugatuck, 4; New Canaan (epidemic); New Fairfield, 10+; New Hartford, 69; New Haven, 50, Newington, 2; New London, 27; New Milford, 1; Newtown, 7; North Stonington, 8; Norfolk, 9; Norwalk (city), 11+; Norwalk (town), 7; Norwich (city), 1; Old Lyme, 1; Orange, 6; Plymouth, 6; Pomfret, 4; Portland, 4; Putnam, 4; Redding, 5; Ridgefield, 2; Salisbury, 4; Seymour, 3; Shelton (borough), 15; Sherman, 1; Somers, 32; Southington, 3; South Norwalk (city), 30+; Sprague, 1; Stafford, 20; Stafford Springs (borough), 14; Stamford (city), 18; Stamford (town), 1; Stonington (town), 9; Stratford, 1; Suffield, 1; Thomaston, 161+; Tolland, 9; Trumbull, 24; Union, 8; Vernon, 35; Wallingford, 1; Warren, 1; Waterbury, (city), 79; Waterbury (town), 20; Watertown, 8; West Hartford, 3; Weston, 2; Westport, 1; Willington, 3; Windsor, 3; Windsor Locks, (several); Winsted (borough), 6; Woodbury, 3; Woodstock, 70.—Total, 1344+.

Scarlet Fever—Ansonia, 2; Beacon Falls, 1; Bethel, 3; Barkhamsted, 1; Bethlehem, 9; Berlin, 4+; Bridgeport, 11; Bristol, 1; Canton. 2; Cornwall, 1; Derby, 4; Easton, 2; East Hartford, 3; Farmington, 1; Greenwich, 1; Hamden, 2; Huntington, 1; Kent, 2; Manchester, 2; Meriden (city), 17; Meriden (town), 4; Middletown, 3; Milford, 1; Monroe, 1; Naugatuck, 4; New Britain (city), 16; New Hartford, 2; New Haven, 17; New London, 1; Norwalk (city), 1; Norwalk (town), 2; Norwich (city), 2; Old Saybrook, 1; Pomfret, 1; Portland, 1; Shelton (borough), 1; Sherman, 1; Southington, 8; Suffield, 1; Torrington, 1; Wallingford, 4; Waterbury (city), 4; Waterbury (town), 1; Westport, 4; Wilton, 1; Winsted (borough), 21; Woodbury, 10.—Total, 184+.

Cerebro-Spinal Fever—Bristol, 2; Meriden (town), 1; Voluntown, 1.—Total, 4.

Diphtheria and Croup—Ansonia, 1; Bethel, 1; Bethany, 13; Bridgeport, 14; Bristol, 1; Brookfield, 1; Cromwell, 1; Derby, 3; East Hartford, 1; Essex, 5; Fairfield, 1; Farmington, 3; Glastonbury, 1; Hartford, 27; Middletown, 2; New Britain (city), 3; New Haven, 8; New London, 7; New Milford, 2; Newtown, 1; North Canaan, 1; North Haven, 1; Norwalk (town), 1; Norwich (city), 4; Plymouth, 5; Rockville (city), 2; Rocky Hill, 1; Roxbury, 4; Southington, 2; Stamford (city), 2; Stratford, 1; Suffield, 1; Wallingford, 2; Waterbury (city), 8; West Hartford, 1; Willimantic (city), 1; Willington, 1; Woodbury, 2,—Total, 136.

Whooping Cough—Ansonia (a few cases); Barkhamsted, 4; Bozrah, 1; Canton, 2; Clinton, 6; Danbury (city), 3; Derby, 2; East Hartford, 2; Ellington, 3; Essex, 18; Granby, 1; Guilford, 2; Hampton, 2; Killingly, 8; Newington, 10; Plymouth, 3; Putnam, 6; Simsbury, 2; Torrington, 3; Westport (some); Willimantic (city), 1; Woodstock, 1.—Total, 80+.

Typhoid Fever—Ansonia, 1; Bristol, 27; East Hartford 1; Enfield, 4; Granby, 1; Groton, 1; Hartford, 3; Middletown, 1; New Haven, 4; Norwalk (city), 1; Norwich (city), 1; Plainville, 1; Seymour, 1; Southington, 1; Stamford (city), 1.—Total, 49.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Bloomfield, Bolton, Branford, Bridgewater, Brooklyn, Burlington, Canterbury, Chaplin, Chatham, Cheshire, Colchester, Colebrook, Columbia, Danielson (borough), Durham, East Granby, Goshen, Hartland, Killingworth, Ledyard, Marlborough, Middlefield, Morris, New Britain (town), North Branford, Norwich (town), Oxford, Plainfield, Preston, Prospect, Salem, Saybrook, Scotland, Sharon, Southbury, South Windsor, Sterling, Thompson, Washington, Westbrook, Wethersfield, Windham, Wolcott, Woodbridge —Total, 45.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Barkhamsted, 1; East Lyme, 1; Griswold, 1; Kent, 2; New Fairfield, 1; New Hartford, 1; Old Lyme, 1; Salisbury, 3; Sharon, 1; Stafford, 1; Thomaston, 2.—Total, 15.

Cerebro-Spinal Fever—Avon, 1.

Diphtheria and Croup—Bethany, 1; Essex, 1; Glastonbury, 1; North Canaan, 1; Plymouth, 2; Roxbury, 2; Suffield, 1; Waterford, 3.—Total, 12.

Whooping Cough—Ellington, 1.

Typhoid Fever—Brooklyn, 1.

All the Health Officers of Hartford, New Haven, Fairfield, Windham and Tolland Counties have reported. But the Health Officers of the following towns have not reported:

New London Co.—Lyme, Waterford.

Litchfield Co.—Winchester.

Middlesex Co.—Haddam.

The high mortality has continued through the month of April, the excess being due to acute affections of the lungs. The deaths from pneumonia alone were 351.

If we take the one month in each of the previous ten years which had the greatest mortality from pneumonia, we find that the average deaths in those ten months were only 272. The highest mortality from this disease occurred in January four times, in March four times, and in April twice—never in February, because it is two or three days shorter. We find also that the total deaths from pneumonia during the four months of 1900 exceeds the deaths from that disease in any previous consecutive four months in the history of the State. This increased fatality of pneumonia is coincident with the invasion of La grippe in 1889 and 1890.

PRELIMINARY REPORT OF THE FORESTVILLE EPIDEMIC OF TYPHOID FEVER.

Early in April Dr. Brennan, Health Officer of Bristol, notified the State Board of Health that within the previous two weeks upwards of twenty cases of typhoid fever had appeared in Forestville, a suburb of Bristol. That some of the cases had been very mild and some of them fatal.

Prof. H. E. Smith, the chemist of the Board, was instructed to visit the locality and discover if possible the origin of the fever.

Every facility was given him by the health officer, the selectmen of Bristol and the local physicians to aid the inquiry.

Some further details of the spread of the disease are yet to be learned before Dr. Smith can complete his report. But enough has been found to fix with certainty the source of the infection. The water supply common to all the patients is a spring from which the water is pumped and distributed to the people of the village. A small river separates the spring from the pumping station, and two supply pipes are laid in the river through which the pump draws the water to discharge through the distributing pipes. On examination, Dr. Smith found that one of these supply pipes had been accidentally broken quite in two, probably by collision with some floating object in the freshet of March 1st, so that the water pumped through it was wholly river water. In consequence of this, the pump was delivering to the distributing pipes a mixture of spring and river water. This fact was discovered by working the pump after closing the connection with the spring, and afterwards finding the fractured ends of the pipe.

Samples of water were taken from the three sources, the spring, the distributing pipes or mixed water and the river water as pumped through the broken pipe. Analyses of each have been made. The river water is of course polluted more than the others, but that from the distributing pipes showed sewage contamination by chemical tests, and bacteriologically, by the presence of intestinal microbes.

The source of this contamination was not far to find. About 300 feet above the broken pipe is situated a factory, employing about 200 operatives. In this factory are 26 water closets and 6 urinals, discharging into this river.

As some doubt has been expressed in regard to the diagnosis of the fever, Dr. Smith took some blood samples from three different patients. One from a severe case, another from a moderate case, and still another from a so-called doubtful case. All three responded promptly to the Widal test, which in the opinion of physicians confirms the diagnosis of typhoid fever.

Reports of 35 cases, 6 of which were fatal, have been received at this date.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, May 15, 1900.

METEOROLOGICAL REPORT FOR THE MONTH OF APRIL, 1900.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE.	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and rooths.	8 A. M.	8 P. M.	
1	30.00	30.02	37	49	42	54	30	24	46	37	N W	10	N W	6	231	29	.0	Clear	Clear	Clear
2	30.06	29.98	40	44	45	53	37	16	56	67	S	4	S	6	154	20	.0	Clear	Clear	Clear
3	29.79	29.82	43	42	46	52	39	13	77	62	N	7	N W	5	188	24	T	Partly Cl'dy	Clear	Partly Cl'dy
4	29.94	30.06	39	39	42	51	33	18	68	57	N W	8	N	13	262	19	.0	Clear	Clear	Clear
5	30.17	29.95	38	48	44	56	31	25	34	36	N E	12	N	8	264	21	.0	Clear	Clear	Clear
6	29.72	29.60	49	53	52	63	42	21	46	42	N	13	N	14	362	28	.0	Clear	Clear	Clear
7	29 53	29.60	45	52	49	59	39	20	51	30	N	24	N	15	368	28	.0	Clear	Clear	Clear
8	29.68	29.79	46	39	46	57	35	22	44	40	N W	9	N	15	307	25	.0	Clear	Clear	Clear
9	29.88	29.99	31	32	36	42	29	13	38	43	N W	15	N	11	260	20	.0	Clear	Clear	Clear
10	30.07	30.22	34	36	33	41	25	16	39	34	N W	12	N W	10	252	19	.0	Clear	Clear	Clear
11	30.33	30.32	38	42	38	49	28	21	42	65	N E	12	S	6	197	16	.0	Clear	Clear	Clear
12	30.21	29.95	39	41	40	43	37	6	92	96	E	6	N E	15	262	22	.59	Sprinkling	Misting	Cloudy
13	29.85	29.82	38	45	42	46	37	9	92	78	N E	13	N	12	241	20	T	Light Rain	Cloudy	Cloudy
14	29.94	30.04	40	48	44	54	34	20	80	39	W	8	W	8	271	26	T	Partly Cl'dy	Clear	Clear
15	30.26	30.30	44	50	50	62	37	25	57	55	W	11	W	6	210	16	.0	Clear	Clear	Clear
16	30.47	30.45	49	49	48	57	39	18	46	70	N E	6	S	5	181	15	.0	Clear	Cloudy	Clear
17	30.44	30.31	47	50	49	53	45	8	93	87	E	4	S	8	164	14	.07	Light Rain	Cloudy	Cloudy
18	30.15	30.05	52	53	52	57	47	10	94	100	S W	13	S W	13	316	22	.43	Cloudy	Light Rain	Cloudy
19	29.91	29.95	51	66	63	76	50	26	100	29	S	6	N W	10	291	24	.76	Foggy	Clear	Partly Cl'dy
20	30.14	30.16	55	58	58	71	46	25	54	61	N	12	S W	9	184	15	.0	Clear	Clear	Clear
21	30.20	30.06	53	53	56	64	47	17	75	84	W	3	S	6	108	10	.0	Cloudy	Cloudy	Partly Cl'dy
22	29.96	29.94	51	58	56	61	50	11	91	89	N	6	S E	3	138	12	.09	Misting	Cloudy	Cloudy
23	29.91	29.84	53	54	57	63	51	12	87	88	N E	10	S W	4	137	12	T	Cloudy	Clear	Cloudy
24	29.89	29.96	57	50	56	70	43	27	66	76	N	10	E	14	218	17	.0	Clear	Clear	Clear
25	30.10	29.96	50	60	51	64	38	26	50	30	N W	6	N W	6	233	22	.0	Clear	Clear	Clear
26	29.93	29.77	51	57	56	67	45	22	37	29	N	8	N	6	300	29	.0	Clear	Clear	Clear
27	29.78	29.91	51	46	48	58	39	19	39	46	N	12	N	10	249	21	.0	Clear	Partly Cld'y	Partly Cl'dy
28	29.98	30.03	48	51	46	55	38	17	51	58	N	6	W	4	151	15	T	Partly Cl'dy	Cloudy	Partly Cl'dy
29	30.09	29.92	48	54	54	71	36	35	68	59	N	3	S W	6	172	21	.0	Clear	Clear	Clear
30	29.84	29.68	62	61	56	69	44	25	50	82	S W	1	N W	2	160	21	.01	Clear	Cloudy	Clear
31																				
Month Ave's.	30.01	29.98	46	49	48	58	39	19	62	59	N	9	N	8	298	29	Total, 1.95			

SUMMARY.

BAROMETER.

Monthly Mean, 29.99 inches.

Highest, 30.47 in.; Date, 16th.

Lowest, 29.53 in.; Date, 7th.

Monthly range, .94.

TEMPERATURE.

Monthly Mean, 48 degrees.
Highest, 76 degrees; Date, 19th.
Lowest, 25 degrees; Date, 10th.
Absolute range, 51 degrees.
Greatest daily range, 35 degrees; Date, 29th.
Least daily range, 6 deg.; Date, 12th.
Mean daily range, 19 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 124 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 10.
Max. hourly velocity and direction, 29 N W.; Date, 1st.
Total monthly movement, 6,831 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 11.
*Greatest 24 hour precipitation, (in. and rooths). .79; Date, 18th, 19th. Total monthly precipitation (in. and rooths), 1.95.
Total depth of snowfall (inches and rooths), 0 in. Date of Thunder Storms, none.
Accumulated excess of precipitation since Jan. 1st, .01 inch

COMPAR. TEMP. (Mon. Mean.)

1873---44 deg.	1887---45 deg.	1873---4.95	1887--- 2.75
1874---39 "	1888---43 "	1874---7.89	1888---2.57
1875---42 "	1889---49 "	1875---3.28	1889---4.01
1876---46 "	1890---47 "	1876---7.65	1890---2.39
1877---48 "	1891---49 "	1877---3.44	1891---2.35
1878---52 "	1892---47 "	1878---5.08	1892---1.31
1879---45 "	1893---45 "	1879---6.08	1893---3.84
1880---48 "	1894---47 "	1880---3.69	1894---2.24
1881---44 "	1895---46 "	1881---1.71	1895---3.11
1882---44 "	1896---48 "	1882---1.55	1896---1.19
1883---44 "	1897---48 "	1883---2.23	1897---2.44
1884---46 "	1898---45 "	1884---2.36	1898---4.43
1885---46 "	1899---47 "	1885---2.31	1899---1.79
1886---49 "	1900---48 "	1886---3.21	1900---1.95

COM. RAINFALL. (Inches and 100ths.)

Monthly mean humidity, 61 per cent. Monthly mean dew point, 34. Number of clear days, 19. Number of fair days, 5. Number of cloudy days, 6.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snowgauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIV. No. 5.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
G. H. WILSON, M.D., MERIDEN.
R. S. GOODWIN, M.D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MAY, 1900.

THE TUTTLE, MOREHOUSE & TAYLOR CO., NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of May, 1900, and a Statement of the Births and Marriages for the Month of April, 1900.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 912,159.

TOWNS.	Estimated Population.	Living Births in April.	Still Births in April.	Marriages in April.	Total Deaths in May.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever	Diphtheria and Croup	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,940	15	---	8	21	19.4	8	38.0	---	---	4	---	---	---	---	---	---	1	---	---	1	---	1	3	---	1	2	1	8
Branford,	5,000	9	---	2	9	21.6	4	44.4	---	---	---	---	---	---	---	---	---	---	---	1	---	---	1	---	4	---	---	---	2
Bridgeport,	66,757	148	8	50	95	16.7	25	26.3	4	---	---	---	---	1	---	---	1	---	---	---	1	---	9	9	2	7	5	6	50
Bristol,	9,000	14	1	6	17	22.6	8	47.0	---	---	---	---	---	4	2	---	4	---	---	---	---	---	---	1	---	1	1	---	4
Danbury,	19,368	22	2	17	24	14.8	8	33.3	---	---	---	---	1	---	---	---	---	---	---	---	---	---	4	5	2	3	1	---	8
Derby,	8,500	14	---	6	11	15.5	5	45.4	---	---	2	---	---	---	---	---	---	---	---	---	1	---	2	2	---	---	---	---	4
East Hartford,	6,700	9	---	3	6	10.7	3	50.0	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	1	---	---	1	---	3
Enfield,	8,000	6	---	6	6	9.0	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	2	---	2	---	1
Greenwich,	13,000	10	1	7	18	16.6	9	50.0	---	---	1	---	---	4	---	---	---	---	---	---	---	---	2	2	1	4	---	2	2
Groton,	7,000	11	---	1	11	18.8	3	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	---	---	---	1	---	7
Hartford,	77,085	124	5	58	91	13.0	18	19.7	---	---	---	---	---	3	---	---	1	---	---	---	---	---	12	9	4	14	8	3	37
Huntington,	6,000	8	1	1	16	32.0	4	25.0	---	---	3	---	---	---	---	---	1	---	---	---	---	---	1	1	3	---	3	2	2
Killingly,	7,000	10	1	1	8	13.7	3	37.5	---	---	---	---	---	---	---	---	---	---	---	---	2	---	1	2	---	1	2	---	---
Manchester,	10,000	16	1	6	5	6.0	4	80.0	---	---	---	---	---	---	1	---	---	---	---	---	---	---	1	---	---	---	---	---	3
Meriden,	28,500	61	1	7	34	14.2	8	23.5	---	---	---	---	---	---	---	---	---	1	2	---	---	1	5	4	---	5	2	1	13
Middletown,	20,000	24	1	16	40	13.2	5	12.5	---	---	---	---	---	1	---	---	---	---	---	---	---	---	3	5	1	8	3	---	19
Naugatuck,	10,000	20	1	8	12	14.4	3	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	2	3	1	5
New Britain,	27,500	59	2	20	28	12.2	15	53.5	---	---	---	---	---	---	2	1	---	---	---	---	---	---	1	7	1	1	1	---	14
New Haven,	116,500	247	15	79	145	14.8	44	30.3	3	---	2	---	---	---	3	1	1	---	---	1	2	---	18	11	10	17	19	7	50
New London,	17,500	24	---	7	23	15.7	4	17.3	---	---	---	---	---	---	---	---	---	---	---	1	---	---	4	4	1	2	1	2	8
Norwalk,	23,000	23	3	10	24	12.5	6	25.0	---	---	---	---	---	1	---	---	---	---	---	---	---	---	3	3	1	4	1	1	10
Norwich,	25,500	47	3	26	47	22.1	12	25.5	1	---	---	---	---	3	---	---	---	---	---	---	1	---	4	4	3	3	2	3	23
Orange,	6,500	4	---	4	8	14.7	1	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	2	---	---	1	2	2
Plainfield,	5,000	7	1	1	11	26.4	5	45.4	---	---	---	---	---	---	---	---	---	---	---	1	---	---	1	3	---	1	---	---	5
Putnam,	6,800	13	2	4	11	19.4	3	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	2	1	3	3	1	---
Southington,	6,000	9	---	3	7	14.0	1	14.2	---	---	---	2	---	1	---	---	---	---	---	---	---	---	1	---	1	---	---	---	2
Stamford,	19,000	33	---	16	23	14.5	5	21.7	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	8	---	5	2	---	7
Stonington,	8,000	12	2	5	12	18.0	1	8.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	1	1	2	---	6
Thompson,	5,620	8	1	7	7	14.9	3	42.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	---	2	1	1	1
Torrington,	12,054	32	1	9	8	7.9	4	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	1	1	---	---	4
Vernon,	9,500	15	---	4	16	20.2	1	6.2	---	---	---	---	---	---	---	---	---	---	---	---	---	1	3	4	---	1	4	---	3
Wallingford,	9,000	23	---	6	11	14.6	4	36.3	---	---	---	---	---	---	---	---	---	---	---	---	1	---	3	---	---	---	1	1	5
Waterbury,	50,000	105	2	37	80	19.2	30	37.5	---	---	2	1	1	---	---	---	1	---	---	---	---	1	9	11	3	7	5	2	37
Winchester,	8,000	10	1	2	9	13.5	6	66.6	---	---	---	---	---	---	2	---	---	---	---	---	---	---	3	---	---	---	---	1	3
Windham,	10,000	20	---	17	16	19.2	4	25.0	---	---	---	---	1	---	---	---	---	---	---	---	---	---	2	1	---	3	3	---	6
Total of the 35 above towns,	680,324	1212	56	460	910	16.0	267	29.3	8	---	15	3	3	19	10	2	9	2	2	5	9	3	102	110	40	97	80	37	354
132 towns of less than 5,000 inhabitants.	230,910	323	13	122	320	16.6	48	15.0	4	---	3	3	2	3	4	2	1	---	1	1	1	1	25	29	12	37	41	18	132
Total reported from 167 towns,	911,234	1535	69	582	1230	16.1	315	25.6	12	---	18	6	5	22	14	4	10	2	3	6	10	4	127	139	52	134	121	55	486
Population of town not reporting,	925																												

The Mortality in Public Institutions of the State were: in Bridgeport, 12; in Hartford, 19; in Middletown, 21; and in New Haven, 20. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in May: Avon, Bethany, Bridgewater, Canterbury, Chaplin, Coventry, Durham, Eastford, East Granby, East Haven, Granby, Madison, Marlborough, New Canaan, New Fairfield, North Haven, Prospect, Salem, Washington, Wolcott—20.

The Registrar of Woodbridge has made no report for May.

REMARKS.

By Mortality Reports received, there were 1230 deaths during the month of May. This was 448 less than reported in April and 205 more than in May of last year, and 118 more than the average number of deaths in May for the five years preceding.

	1900	1899	1898	1897	1896	1895
January,	1367	1565	1153	1123	1121	1036
February,	1261	1192	1026	1142	1094	1357
March,	1691	1221	1272	1369	1288	1410
Total 1st quarter,	4319	3978	3451	3634	3503	3803
April,	1678	1169	1197	1212	1255	1194
May,	1230	1025	1138	1109	1203	1079

The death rate was 16.0 for the large towns, for the small towns 16.6, and for the whole State 16.1.

The deaths reported from communicable diseases were 118, being 9.6 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Ansonia, 131+; Ashford, 5; Barkhamsted, 4; Beacon Falls, 1; Berlin (several); Bethlehem, 8; Bridgeport, 12; Bristol, 2; Brooklyn, 3; Cheshire, 1; Chester, 2; Clinton, 2; Danbury (city), 10; Danbury (town), 3; Danielson (borough), 75; Darien, 18; Derby, 65; Eastford, 2; East Haddam, 9; East Hartford, 5; East Haven, 23+; East Lyme, 34; Easton, 1; Ellington, 15; Enfield, 9; Essex, 1; Farmington, 6; Greenwich, 43; Groton, 48; Harwinton, 8; Hebron, 2; Huntington, 70; Killingly, 6; Litchfield, 1; Lyme, 1; Madison, 1; Mansfield, 6; Middletown, 3; Milford, 2; Montville, 4; Monroe, 1; Morris, 2; Naugatuck, 30+; New Canaan, 108; New Hartford, 34; New Haven, 48; New London, 28; New Milford, 4; Newtown, 5; North Haven, 20; North Stonington, 10; Norwalk (city), 55+; Norwalk (town), 39+; Norwich (city), 2; Orange, 1; Plainfield, 1; Plymouth, 2; Pomfret 4; Redding, 10; Ridgefield, 11; Salisbury, 5; Saybrook, 4; Scotland, 6; Seymour, 10; Sharon, 6; Shelton (borough), 140+; Somers, 28; Southbury, 2; Southington, 41; South Norwalk (city), 50+; Sprague, 5; Stafford, 12; Stafford Springs (borough), 10; Stamford (city), 90; Stamford (town), (epidemic); Stonington, 16; Suffield, 3; Thomaston, 81; Trumbull, 5; Union, 1; Wallingford (epidemic); Waterbury (city), 16; Waterbury (town), 17; Watertown, 30+; West Hartford, 1; Weston, 1; Westport, 2; Willimantic (city), 1; Willington, 4; Wilton, 1; Winsted (borough), 11; Woodbury, 5; Woodstock, 48+.—Total, 1709+.

Scarlet Fever—Ansonia, 4; Berlin, 2; Bethlehem, 6; Bridgeport, 16; Bristol, 14; Canton, 1; Cheshire, 3; Danbury (city), 1; Danielson (borough), 3; Derby, 2; East Hartford, 1; Fairfield, 1; Farmington, 1; Franklin, 2; Hamden, 1; Hartford, 15; Harwinton, 1; Huntington, 2; Kent, 3; Lebanon, 2; Ledyard, 4; Manchester, 5; Meriden, (city), 12; Meriden (town), 3; Middletown, 1; New Britain (city), 11; New Hartford, 1; New Haven, 15; New Milford, 2; Newtown, 1; Norwalk (city), 9; Norwalk (town), 1; Pomfret, 2; Portland, 6; Putnam, 1; Simsbury, 2; Southington, 2; Stamford (city), 1; Suffield, 1; Torrington, 1; Trumbull, 1; Waterbury (city), 5; Waterbury (town), 3; Wilton, 4; Windsor, 1; Windsor Locks, 5; Winsted (borough), 19; Woodstock, 1.—Total, 201.

Cerebro-Spinal Fever—Wallingford, 2.

Diphtheria and Croup—Ansonia, 2; Bethel, 3; Bridgeport, 8; Bristol, 1; Burlington, 1; Cromwell, 1; Danbury (city), 1; East Hartford, 4; Farmington, 2; Franklin, 1; Glastonbury, 1; Greenwich, 3; Groton, 1; Hartford 27, Manchester, 3; Middletown, 2; Naugatuck, 3; New Britain (city), 1; New Haven, 1; New London, 3; North Stonington, 1; Norwalk (city), 1; Norwich (city), 3; Norwich (town), 4; Oxford, 1; Plainville, 2; Plymouth, 5; Portland, 1; Rocky Hill, 1; Salisbury, 1; Seymour, 3; Shelton (borough), 1; Somers, 1; Southington, 2; South Norwalk (city), 1; Stamford (city), 1; Torrington, 1; Waterbury (city), 8; Waterbury (town), 1; Waterford, 1; Westport, 1; Windsor, 1.—Total, 111.

Whooping Cough—Bolton, 5; Canton, 3; East Hartford, 3; East Windsor, 2; Essex, 7; Hampton, 6; Middletown, 3; Newington, 7; New Milford, 40; Newtown (number of cases); North Haven, 12; Putnam, 10; Stratford, 5.—Total, 103+.

Typhoid Fever—Bridgeport, 1; Bristol, 7; Hartford, 4; New Haven, 3; Norwalk (city), 3; Norwalk (town), 1; Redding, 1; Rockville (city), 1; South Norwalk (city), 2; Suffield, 3; Watertown, 3.—Total, 29.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Avon, Bethany, Bloomfield, Bozrah, Branford, Bridgewater, Brookfield, Canaan, Canterbury, Chaplin, Chatham, Colchester, Colebrook, Columbia, Cornwall, Coventry, Durham, East Granby, Goshen, Griswold, Guilford, Haddam, Hartland, Jewett City (borough), Killingworth, Lisbon, Marlborough, Middlefield, New Britain, New Fairfield, Norfolk, North Branford, North Canaan, Old Lyme, Old Saybrook, Preston, Prospect, Roxbury, Sherman, South Windsor, Sterling, Thompson, Tolland, Vernon, Voluntown, Warren, Washington, Westbrook, Wethersfield, Winchester, Windham, Wolcott, Woodbridge.—Total, 54.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Ashford, 1; Stafford, 1; Windsor Locks, 1.—Total, 3.

Scarlet Fever—Berlin, 1; Portland, 1; Simsbury, 1.—Total, 3.

Cerebro-Spinal Fever—Bethlehem, 1; Mansfield, 1; South Windsor, 1.—Total, 3.

Diphtheria and Croup—Plymouth, 1; Portland, 1; Rocky Hill, 1.—Total, 3.

Whooping Cough—Canton, 1; Clinton, 1; Hamden, 1; New Milford, 1.—Total, 4.

Typhoid Fever—Darien, 1.

All the Health Officers of Fairfield, Windham, Litchfield, Middlesex and Tolland Counties have reported. But the Health Officers of the following towns have not reported:

HARTFORD CO.—Granby,

NEW HAVEN CO.—Middlebury.

NEW LONDON CO.—Salem, Stonington, (borough.)

HEALTH OF THE STATE.

The Mortality of the State was 448 less than in April, but is still a good deal above the average for the few years past. The difference is due to the continued excessive fatality of the acute lung diseases. Measles is more prevalent than ever, but with a very light death rate. Scarlet fever is also more prevalent but also with a small mortality. The deaths from typhoid are less than in the previous month.

The Forestville epidemic of typhoid fever terminated with the elimination of the contaminated river water from the public supply. The thirty and more water closets and urinals in the factory 100 yards above the dissevered pipe were unquestionably the source of the infection, and that opinion is confirmed by the cessation of new cases after the repair of the broken pipe and the exclusion of the polluted river water from the pumping station. It is clearly evident that the spring was not the source of the epidemic.

The thorough flushing of the pipes, their removal from the river and cleansing of the reservoir, limits future danger to a reinfection of the water from a new source.

It is, therefore, important to urge upon the residents of Forestville that they are living under different conditions from those before the epidemic. The prevalence of typhoid in a community results invariably in soil pollution with typhoid-infected sewage. There is consequently, and will be for many months to come, the danger that the wells in that locality may become infected; and from the surroundings and location of the spring from which the general supply is obtained, there is the same danger of the pollution of that source of water.

The most ready means of safety until a more reliable supply can be provided for permanent use, will be the boiling of all water from the spring or from the wells, that is used for domestic purposes. Thorough boiling kills the typhoid and other infectious germs more surely and easily than any other practicable method.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, June 15, 1900.

METEOROLOGICAL REPORT FOR THE MONTH OF MAY, 1900.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DAY	BAROMETER.† 8 A. M.	BAROMETER.† 8 P. M.	TEMPERATURE.‡ 8 A. M.	TEMPERATURE.‡ 8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	RELATIVE HUMIDITY.‖ 8 A. M.	RELATIVE HUMIDITY.‖ 8 P. M.	WIND. 8 A. M. Direction from	WIND. 8 A. M. Vel. in m. per h.	WIND. 8 P. M. Direction from	WIND. 8 P. M. Vel. in m. per h.	WIND. Daily Movement.	WIND. Max. velocity for a single Mile.	PRECIPITATION.* Am't inc. melted snow Inches and 100ths.	CHARACTER OF WEATHER. 8 A. M.	CHARACTER OF WEATHER. 8 P. M.	CHARACTER OF DAY.
1	29.82	29.90	54	62	57	69	45	24	53	32	N W	12	N	5	253	26	.0	Clear	Clear	Clear
2	30.01	29.85	54	55	53	64	42	22	43	82	N E	3	S E	9	207	16	.0	Clear	Clear	Clear
3	29.55	29.65	54	62	60	72	48	24	97	74	N E	12	N	15	233	20	.60	Light Rain	Cloudy	Partly Cl'dy
4	29.74	29.88	47	50	51	57	45	12	62	56	N W	24	S W	6	307	26	.02	Clear	Cloudy	Clear
5	30.01	30.07	44	50	48	55	41	14	63	38	N W	11	N W	8	278	24	T	Clear	Partly Cl'dy	Clear
6	30.11	29.99	48	57	52	63	41	22	63	38	S	10	N E	14	182	20	T	Clear	Clear	Partly Cl'dy
7	30 21	30.20	41	54	50	62	39	23	46	38	N	8	S W	4	192	13	.0	Clear	Clear	Clear
8	30.11	29.71	50	60	56	65	46	19	77	70	S	7	S W	11	215	18	.02	Cloudy	Partly Cl'dy	Partly Cl'dy
9	29.53	29.83	69	46	56	75	37	38	67	58	S W	11	N	14	300	24	.15	Partly Cl'dy	Partly Cl'dy	Cloudy
10	30.03	30.07	40	45	43	53	33	20	53	34	N W	9	N	9	245	20	.0	Clear	Clear	Clear
11	30.11	29.91	44	50	44	53	35	18	53	74	S	6	S W	5	152	14	T	Partly Cl'dy	Cloudy	Partly Cl'dy
12	30.09	30.04	53	55	55	66	44	22	49	54	N	3	S W	6	190	14	.0	Clear	Clear	Clear
13	29.99	29.92	55	69	62	73	51	22	94	74	S W	9	S	4	131	10	.01	Cloudy	Partly Cl'dy	Partly Cl'dy
14	29.96	29.83	73	75	73	87	59	28	65	49	W	8	S W	6	177	23	.0	Clear	Clear	Clear
15	29.87	29.78	78	81	78	92	63	29	56	44	W	7	W	7	218	24	T	Partly Cl'dy	Cloudy	Clear
16	30.07	30.11	59	57	61	70	52	18	57	71	E	12	S	8	205	14	.01	Cloudy	Clear	Partly Cl'dy
17	30.14	29.99	55	53	56	61	50	11	85	100	E	3	E	5	140	14	.06	Partly Cl'dy	Foggy	Cloudy
18	29.87	29.71	59	65	62	71	53	18	100	83	S	6	S W	7	158	16	.02	Foggy	Light Rain	Cloudy
19	29.60	29.50	51	48	54	61	47	14	100	100	E	12	N E	20	340	26	2.16	Misting	Light Rain	Cloudy
20	29.61	29.73	57	56	56	62	49	13	66	65	N W	10	S W	8	177	14	T	Clear	Clear	Partly Cl'dy
21	29.76	29.80	56	54	56	64	47	17	65	83	N W	10	N W	4	202	20	.25	Clear	Cloudy	Partly Cl'dy
22	29.93	29.90	57	67	60	74	46	28	38	26	N W	8	W	7	267	26	.0	Clear	Clear	Clear
23	29.98	29.93	64	68	67	77	57	20	51	54	N W	4	S W	8	146	15	.0	Clear	Cloudy	Clear
24	29.95	29.93	61	66	65	75	55	20	73	75	S	3	S E	4	116	18	.0	Clear	Cloudy	Clear
25	30.06	30.23	54	58	56	65	47	18	85	45	N E	17	N E	12	417	26	T	Cloudy	Partly Cl'dy	Partly Cl'dy
26	30.23	30.09	50	58	54	65	44	21	50	56	N E	14	N E	9	332	22	.0	Partly Cl'dy	Cloudy	Cloudy
27	30.02	29.99	55	63	62	78	45	33	57	65	N	8	S W	6	192	14	.0	Partly Cl'dy	Clear	Clear
28	30.16	30.30	56	51	53	59	47	12	82	68	N E	18	N E	9	222	20	T	Cloudy	Cloudy	Cloudy
29	30.39	30.31	54	57	54	65	42	23	48	61	N E	5	S W	9	178	14	.0	Clear	Clear	Clear
30	30.30	30.10	58	62	58	72	45	27	61	71	S W	6	S W	8	216	22	T	Clear	Cloudy	Clear
31	30.00	29.92	67	73	72	85	58	27	83	78	S W	4	S W	9	162	18	T	Partly Cl'dy	Clear	Clear
Month Ave's.	29.98	29.94	55	59	58	68	47	21	66	62	N W	9	S W	8	218	26	Total, 3.30			

SUMMARY.

BAROMETER.

Monthly Mean, 29.96 inches.

Highest, 30.39 in.; Date, 29th.

Lowest, 29.50 in.; Date, 19th.

Monthly range, .89.

TEMPERATURE.

Monthly Mean, 58 degrees.
Highest, 92 degrees; Date, 15th.
Lowest, 33 degrees; Date, 10th.
Absolute range, 59 degrees.
Greatest daily range, 38 degrees; Date, 9th.
Least daily range, 11 deg.; Date, 17th.
Mean daily range, 21 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 121 degrees.

WIND.

Prevailing direction, S. W.
Mean hourly velocity, 9.
Max. hourly velocity and direction, 26 N E.; Date, 25th
Total monthly movement, 6,750 miles

RAIN AND SNOW.

Total number of days on which precipitation occurred, 18.
*Greatest 24 hour precipitation, (in. and 100ths). 2.17; Date, 18th, 19th. Total monthly precipitation (in. and 100ths), 3.30.
Total depth of snowfall (inches and 10ths). 0 in. Date of Thunder Storms, 3d, 8th, 15th, 20th, 21st.
Accumulated deficiency of precipitation since Jan. 1st, .34 inch.

COMPAR. TEMP. (Mon. Mean.)

1873---56 deg.		1887---61 deg.	
1874---56	"	1888---56	"
1875---57	"	1889---60	"
1876---58	"	1890---57	"
1877---58	"	1891---56	"
1878---57	"	1892---56	"
1879---59	"	1893---57	"
1880---64	"	1894---58	"
1881---58	"	1895---59	"
1882---51	"	1896---62	"
1883---57	"	1897---58	"
1884---56	"	1898---56	"
1885---55	"	1899---57	"
1886---57	"	1900---58	"

COM. RAINFALL. (Inches and 100ths.)

1873---6.27	1887---0.18
1874---4.92	1888---6.03
1875---2.71	1889---3.81
1876---3.12	1890---4.24
1877---2.14	1891---1.92
1878---3.75	1892---5.11
1879---3.22	1893---7.08
1880---1.24	1894---4.49
1881---3.89	1895---1.70
1882---5.05	1896---3.67
1883---4.52	1897---5.03
1884---3.32	1898---8.03
1885---2.61	1899---2.52
1886---2.74	1900---3.30

Monthly mean humidity, 64 per cent. Monthly mean dew point, 44. Number of clear days, 16. Number of fair days, 9. Number of cloudy days, 6.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snowgauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIV. No. 6.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
G. H. WILSON, M.D., MERIDEN.
R. S. GODDWIN, M.D., THOMASTON.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JUNE, 1900.

THE TUTTLE, MOREHOUSE & TAYLOR CO., NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of June, 1900, and a Statement of the Births and Marriages for the Month of May, 1900.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 912,159.

TOWNS.	Estimated Population.	Living Births in May.	Still Births in May.	Marriages in May.	Total Deaths in June.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,940	23	---	14	22	20.4	6	27.2	---	---	2	---	---	---	---	---	---	---	---	---	2	---	1	2	---	1	1	1	12
Branford,	5,000	14	---	2	7	16.8	1	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	1	---	---	3	2
Bridgeport,	66,757	112	11	48	88	15.4	24	27.2	1	---	---	1	---	1	---	---	---	---	---	---	8	---	9	4	1	6	1	10	46
Bristol,	9,000	14	2	7	12	16.0	3	25.0	---	---	---	---	---	1	---	---	1	---	---	---	---	---	---	3	---	1	3	---	3
Danbury,	19,368	34	1	8	29	17.9	6	20.6	---	---	---	---	1	1	---	1	1	---	---	---	---	1	3	1	---	4	4	1	11
Derby,	8,500	2	---	---	15	21.1	7	46.6	---	---	1	---	---	---	---	---	---	1	---	---	2	---	1	---	1	1	1	---	7
East Hartford,	6,700	18	---	4	7	12.5	4	57.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	1	---	2	---	---	2
Enfield,	8,000	16	---	3	9	13.5	6	66.6	---	---	3	---	---	---	---	---	---	---	---	---	---	---	1	1	---	---	2	---	2
Greenwich,	13,000	18	1	2	14	12.9	5	35.7	---	---	---	---	---	2	---	---	---	---	---	---	---	---	---	2	1	2	3	2	2
Groton,	7,000	8	1	3	13	22.2	1	7.6	---	---	---	---	---	---	---	1	---	---	---	---	---	1	2	1	---	---	3	1	4
Hartford,	77,085	140	5	58	116	17.1	36	31.0	---	---	---	---	---	8	1	---	---	1	---	---	6	---	7	4	7	14	7	5	56
Huntington,	6,000	7	---	3	4	8.0	2	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	2	1	---	---
Killingly,	7,000	9	1	1	11	18.8	1	9.0	---	---	---	---	---	---	---	---	1	---	---	---	---	---	4	1	---	1	1	---	3
Manchester,	10,000	14	1	5	10	12.0	4	40.0	---	---	---	---	---	---	1	---	---	---	---	---	---	---	4	---	1	1	1	---	2
Meriden,	28,500	66	1	12	26	10.9	3	11.5	---	---	---	---	---	---	---	---	1	1	---	---	1	---	7	---	1	3	1	1	10
Middletown,	20,000	22	2	3	21	7.8	6	28.5	---	---	---	---	---	1	---	---	1	---	---	---	---	---	2	2	---	2	3	1	9
Naugatuck,	10,000	24	---	6	9	10.8	2	22.2	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	3	---	---	---	---	5
New Britain,	27,500	54	---	25	31	13.5	18	58.0	---	---	---	---	---	---	2	---	---	---	---	---	1	---	2	5	---	6	2	2	11
New Haven,	116,500	228	18	68	133	13.2	42	31.5	---	---	2	1	1	1	3	1	1	---	---	---	13	2	10	7	6	11	16	7	51
New London,	17,500	18	1	13	26	17.8	8	30.7	---	---	---	---	---	1	---	---	---	---	---	1	---	---	4	2	1	2	7	1	7
Norwalk,	23,000	25	---	5	24	12.5	7	29.1	---	---	1	---	---	1	---	---	---	---	---	1	2	---	2	2	1	3	---	5	6
Norwich,	25,500	42	1	18	35	16.4	6	17.1	---	---	---	---	---	---	---	---	1	---	---	---	---	---	8	---	2	5	6	3	10
Orange,	6,500	13	2	4	4	7.3	1	25.0	---	---	---	---	---	---	---	---	1	---	---	---	1	---	---	---	---	---	1	1	---
Plainfield,	5,000	9	---	---	2	4.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	1
Putnam,	6,800	15	---	3	11	19.4	1	9.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	1	1	2	4	
Southington,	6,000	13	---	3	4	8.0	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	1	---	---	1	1	---	
Stamford,	19,000	34	1	6	28	17.6	4	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	3	---	8	3	3	7
Stonington,	8,000	11	1	3	9	13.5	1	11.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	1	1	1	5
Thompson,	5,620	11	---	8	3	6.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	2
Torrington,	12,054	26	1	5	14	13.9	10	71.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	1	---	2	---	---	8
Vernon,	9,500	12	---	6	10	12.6	1	10.0	---	---	---	---	---	---	---	1	1	---	---	---	1	---	---	---	---	---	---	1	6
Wallingford,	9,000	20	---	5	7	9.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	1	2	3
Waterbury,	50,000	111	3	34	72	17.2	26	36.1	---	---	1	---	---	---	---	---	2	2	---	---	12	1	6	3	---	7	3	2	33
Winchester,	8,000	12	1	5	8	12.0	1	12.5	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	---	5
Windham,	10,000	14	1	5	17	20.4	5	29.4	---	---	---	---	1	---	1	---	---	---	---	1	---	---	1	---	---	---	---	1	3	9
Total of the 35 above towns,	680 324	1209	56	395	851	15.0	248	29.1	1	---	12	2	3	18	8	4	11	5	2	1	49	5	91	49	24	87	77	58	344
132 towns of less than 5,000 inhabitants,	231,255	360	19	104	270	14.0	43	15.9		---	4	1	3	9	---	---	2	2	---	1	5	2	16	15	5	52	19	17	117
Total reported from 167 towns,	911,579	1569	75	499	1121	14.7	291	25.9	1	---	16	3	6	27	8	4	13	7	2	2	54	7	107	64	29	139	96	75	461
Population of town not reporting,	580																												

The Mortality in Public Institutions of the State were: in Bridgeport, 8; in Hartford, 26; in Middletown, 9; and in New Haven, 18. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in June: Ashford, Bolton, Canaan, Columbia, Coventry, Cromwell, Durham, East Granby, East Haddam, Franklin, Hampton, Hartland, Killingworth, Madison, Marlborough, North Branford, North Canaan, Roxbury, Saybrook, Sprague, Union, Voluntown, Warren, West Hartford, Wolcott—25.

The Registrar of Bethlehem has made no report for June.

REMARKS.

By Mortality Reports received, there were 1121 deaths during the month of June. This was 109 less than reported in May and 73 more than in June of last year, and 109 more than the average number of deaths in June for the five years preceding.

	1900	1899	1898	1897	1896	1895
January,	1367	1565	1153	1123	1121	1036
February,	1261	1192	1026	1142	1094	1357
March,	1691	1221	1272	1369	1288	1410
Total 1st quarter,	4319	3978	3451	3634	3503	3803
April,	1678	1169	1197	1212	1255	1194
May,	1230	1025	1138	1109	1203	1079
June,	1121	1048	984	978	1099	953
Total 2d quarter,	4029	3242	3319	3299	3557	3226

The death rate was 15.0 for the large towns, for the small towns 14.0, and for the whole State 14.7.

The deaths reported from communicable diseases were 150, being 13.3 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Ansonia, 52; Berlin, 6; Bethel, 1; Branford, 4; Bridgeport, 6; Brooklyn, 3; Burlington, 1; Chester, 2; Coventry, 3; Danbury (city), 3; Danbury (town), 1; Danielson (borough), 30+; Darien, 20; Derby, 19; Durham, 1; East Hartford, 1; East Haven, 2; East Lyme, 22; Ellington, 6; Enfield, 13; Essex, 22; Fairfield, 1; Farmington, 1; Granby, 2; Greenwich, 2; Groton, 4; Harwinton, 2; Huntington, 14; Jewett City (borough), 1; Ledyard, 2; Litchfield, 1; Madison, 3; Mansfield, 9; Meriden (city), 2; Middletown, 2; Milford, 1; Monroe, 4; Naugatuck, 20+; New Canaan (town and borough), 76: New Haven, 25; New Hartford, 5; New London, 9; Newtown, 1; North Haven, 10; Norwalk (city), 40; Norwalk (town), 25+; Norwich (city), 2; Orange, 3; Plainfield, 1; Plainville, 2; Plymouth, 2; Pomfret, 11; Portland, 1; Prospect, 2; Putnam, 3; Ridgefield, 4; Salisbury, 14; Scotland, 7; Seymour, 3; Sharon (epidemic); Shelton (borough), 33; Somers, 14; Southbury, 1; South Norwalk (city), 2+; South Windsor, 1; Stafford, 2; Stafford Springs (borough), 2; Stamford (city), 40; Stonington, 24; Stratford, 5; Thomaston, 8; Wallingford (epidemic); Waterbury (city), 16; Waterbury (town), 1; West Hartford, 1; Westport, 3; Willimantic (city), 5; Willington, 3; Wilton, 1; Winchester, 4; Windham, 1; Windsor, 2; Winsted (borough), 3; Woodstock, 16.—Total, 713+ in 80 towns.

Scarlet Fever—Ansonia, 1; Bethel, 3; Bridgeport, 21; Bristol, 5; Brooklyn, 1; Danbury (town), 3; Derby, 2; East Hartford, 3; East Haven, 4; Greenwich, 3; Groton, 1; Hartford, 14; Huntington, 1; Ledyard, 2; Manchester, 4; Meriden (city), 2; Meriden (town), 7; Naugatuck, 4; New Britain (city), 7; New Haven, 6; Norwalk (city), 1; Norwich, (city), 1; Orange, 1; Plainville, 1; Portland, 6; Somers, 4; South Norwalk (city), 1; Stratford, 2; Suffield, 1; Thompson, 2; Wallingford, 1; Waterbury (city), 5; Waterbury (town), 2; Watertown, 1; Weston, 1; Wilton, 2; Windsor, 1; Winsted (borough), 6; Woodbury, 1.—Total, 133 in 37 towns.

Cerebro-Spinal Fever—Hartford, 1; Watertown, 1.—Total, 2.

Diphtheria and Croup—Bloomfield, 5; Branford, 1; Bridgeport, 5; Bristol, 2; Cornwall, 2; Danbury (town), 2; Derby, 1; East Hartford, 1; Farmington, 2; Glastonbury, 1; Greenwich, 1; Groton, 2; Guilford, 1; Hamden, 1; Hartford, 39; Lisbon, 2; Middletown, 8; Naugatuck, 1; New Haven, 11; New London, 4; Norwich (city), 2; Norwich (town), 1; Plainville, 2; Portland, 1; Seymour, 2; Stamford (city), 2; Stonington, 1; Torrington, (town and borough), 5; Waterbury (city), 1; Waterbury (town), 2; Waterford, 2; Windsor, 1; Woodbury 1.—Total, 115 in 32 towns.

Whooping Cough—Berlin, 1; Bethel, 1; Bozrah, 2+; Bristol, 12; Clinton, 1; Danielson (borough), 1; Granby, 1; Hampton, 1; Jewett City (borough), 3, Middletown, 2; Newington, 3; Newtown, 10+; North Haven 16; Old Saybrook, 1; Plymouth, 10; Putnam, 6; Ridgefield, 1; Saybrook, 2; Somers, 15; Stratford, 2; Torrington, 1; Wetherfield, 25; Willimantic (city), 3.—Total, 121+ in 23 towns.

Typhoid Fever—Bethel, 1; Branford, 1; Bristol, 3; Darien, 2; Derby, 1; Guilford, 1; Hamden, 5; Hartford, 3; Huntington, 1; Killingly, 1; Naugatuck, 1; New Haven, 2; Newington, 1; Norwalk (city), 1; Norwalk (town), 4; Norwich (city), 2; Plymouth, 1; Pomfret, 1; Ridgefield, 1; Thompson, 1; Torrington, 1; Waterbury (city), 2; Westbrook, 1; Westport, 1; Winsted (borough), 1.—Total, 40 in 23 towns.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Barkhampsted, Beacon Falls, Bethany, Bethlehem, Brookfield, Canaan, Canterbury, Canton, Chaplin, Chatham, Cheshire, Colchester, Colebrook, Cromwell, Eastford, East Granby, East Haddam, Easton, East Windsor, Franklin, Goshen, Griswold, Haddam, Hartland, Hebron, Kent, Killingworth, Lebanon, Marlborough, Middlebury, Middlefield, Montville, Morris, New Britain, New Fairfield, New Milford, Norfolk, North Branford, North Canaan, North Stonington, Old Lyme, Oxford, Preston, Redding, Rocky Hill, Rockville (city), Roxbury, Salem, Sherman, Simsbury, Sprague, Stamford, Sterling, Tolland, Trumbull, Union, Vernon, Voluntown, Warren, Washington, Windsor Locks, Wolcott, Woodbridge.—Total, 66.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Middlebury, 1; Plymouth, 1; Seymour, 1; Somers, 1.—Total, 4.

Scarlet Fever—East Haven, 1.

Cerebro-Spinal Fever—Seymour, 1; Suffield, 1; Watertown, 1.—Total, 3.

Diphtheria and Croup—Bethel, 1; Bloomfield, 1; Burlington, 1; Cornwall, 1; Farmington, 1; Seymour, 1; Waterford, 2; Windsor, 1.—Total, 9.

Typhoid Fever—Plymouth, 1; Westbrook.—Total, 2.

All the Health Officers of New Haven, Fairfield, Windham and Middlesex Counties have reported. But the Health Officers of the following towns have not reported:

HARTFORD CO.—Southington.

NEW LONDON CO.—Lyme, Stonington (borough).

LITCHFIELD CO.—Bridgewater.

TOLLAND CO.—Bolton, Columbia.

The general health of the State is improving as compared with the earlier months of the year.

There has been no fatal epidemic during the month of June. In consideration of the wide prevalence of some of the contagious diseases the mortality has been light. Measles has been present during the month in almost one-half of the towns in the State with a mortality of only 16, which is probably not over 1 per cent. of the whole number of cases.

Scarlet fever has been present in 36 towns with only 3 deaths, which illustrates the remarkably mild type of the present widespread and continuous epidemic.

Diphtheria and croup have been reported in 31 towns with a mortality of over 20 per cent. of the cases reported.

The early administration of antitoxin would doubtless have diminished this mortality.

Whooping cough was reported from 22 towns with a fatality of 6.6 per cent. of the cases.

Typhoid fever has increased a little over the previous month and may be expected to increase markedly during the remaining months of the year.

Ninety-five per cent. of the cases of typhoid fever are caused by drinking infected water or milk, which infection, in turn, is due to the carelessness and neglect of nurses having the care of typhoid patients in omitting complete disinfection of the excreta of typhoid patients.

The Census.—Heretofore with the issue of the June Bulletin it has been customary to publish new estimates of the population of the towns of Connecticut. But as the census has just been taken, it is hoped before the next issue that the results can be obtained from the Census Bureau at Washington, when the inaccuracies of the present estimates will be made apparent.

A Suggestion to Registrars.—A very few of the Registrars are in the practice, when copying certificates on the cards for this office, of using numerals to indicate the month—thus 2 for February, 4 for April, 6 for June, etc. This has led to several errors, and the Superintendent of Vital Statistics would most respectfully request that, in all cases the months or the familiar abbreviations be written instead of a number. He also begs the doctors and clergymen in writing their certificates to observe the same rule.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and

Superintendent of Vital Statistics.

NEW HAVEN, July 15, 1900.

METEOROLOGICAL REPORT FOR THE MONTH OF JUNE, 1900.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date	Barometer.† 8 A.M.	Barometer.† 8 P.M.	Temperature.‡ 8 A.M.	Temperature.‡ 8 P.M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	Relative Humidity.‖ 8 A.M.	Relative Humidity.‖ 8 P.M.	Wind. 8 A.M. Direction from	Wind. 8 A.M. Vel. in m. per h.	Wind. 8 P.M. Direction from	Wind. 8 P.M. Vel. in m. per h.	Wind. Daily Movement.	Wind. Max. velocity for a single Mile.	Precipitation.* Am't inc. melted snow Inches and 100ths.	Character of Weather. 8 A.M.	Character of Weather. 8 P.M.	Character of Day.
1	30.03	30.01	70	69	72	79	64	15	72	78	N E	6	S	5	121	10	T	Cloudy	Cloudy	Partly Cl'dy
2	29.92	29.82	67	66	69	78	60	18	80	89	S W	12	S W	12	247	24	T	Clear	Sprinkling	Partly Cl'dy
3	29.85	29.99	66	59	66	76	56	20	87	82	S	3	N E	13	228	24	.01	Clear	Cloudy	Partly Cl'dy
4	30.12	30.14	58	63	60	70	50	20	78	67	N E	12	E	5	321	24	.0	Partly Cl'dy	Clear	Clear
5	30.13	30.04	62	64	58	71	46	25	59	70	N	1	S W	6	164	12	.0	Clear	Clear	Clear
6	30.06	30.02	70	66	66	78	53	25	64	75	S	2	S W	5	134	12	.0	Clear	Clear	Clear
7	30.02	29.91	62	62	62	69	56	13	81	89	S	11	S W	11	228	16	.0	Clear	Clear	Clear
8	29.82	29.74	64	64	67	75	59	16	90	99	S	8	S E	8	147	12	.44	Cloudy	Light Rain	Cloudy
9	29.78	29.92	69	72	72	82	62	20	88	57	N W	5	N W	9	214	20	.06	Partly Cl'dy	Clear	Clear
10	30.15	30.12	64	60	63	69	57	12	51	73	N E	8	S	7	231	17	.0	Clear	Clear	Clear
11	30.07	30.01	62	71	66	76	55	21	84	75	S W	12	N E	4	215	20	.0	Partly Cl'dy	Cloudy	Clear
12	30.06	30.12	69	68	69	78	60	18	51	74	N	8	S E	10	187	17	.80	Clear	Cloudy	Clear
13	30.19	30.15	65	65	64	73	55	18	63	40	N E	9	E	8	217	22	.0	Clear	Clear	Clear
14	30.04	29.95	61	70	66	74	59	15	97	98	S E	7	S	4	133	8	.20	Sprinkling	Cloudy	Cloudy
15	30.06	30.04	68	66	68	76	61	15	63	57	N	9	W	8	209	16	.0	Clear	Clear	Clear
16	30.05	29.99	68	67	66	80	53	27	54	63	N W	4	S W	4	161	20	.0	Clear	Cloudy	Clear
17	30.01	29.98	60	60	62	67	58	9	80	84	W	12	S	4	170	15	.0	Cloudy	Cloudy	Cloudy
18	30.02	30.06	61	65	64	72	55	17	78	56	N E	12	N E	11	231	18	.0	Partly Cl'dy	Partly Cl'dy	Clear
19	30.13	30.09	58	61	62	72	53	19	80	68	N E	12	S E	4	232	20	.0	Cloudy	Partly Cl'dy	Clear
20	30.03	29.88	65	73	69	80	58	22	65	44	N	9	W	7	236	18	.0	Cloudy	Partly Cl'dy	Partly Cl'dy
21	29.92	29.80	70	70	72	83	62	21	53	68	N W	6	S W	13	256	24	.0	Clear	Cloudy	Clear
22	29.82	29.83	70	70	72	81	63	18	74	77	S W	9	N	4	225	20	.0	Clear	Cloudy	Clear
23	29.89	30.00	62	64	64	69	59	10	89	67	N E	12	S	12	184	16	.05	Cloudy	Clear	Partly Cl'dy
24	30.00	29.83	61	69	67	75	59	16	96	88	S W	9	S W	7	230	21	.0	Cloudy	Partly Cl'dy	Partly Cl'dy
25	29.72	29.83	72	77	77	88	66	22	91	50	W	8	N	11	187	17	.0	Clear	Clear	Clear
26	29.96	29.88	70	68	68	79	58	21	52	74	N E	8	S E	6	174	11	.0	Clear	Partly Cl'dy	Clear
27	29.79	29.70	69	77	77	90	64	26	90	76	S	7	S W	11	231	26	T	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
28	29.69	29.66	76	68	78	90	67	23	82	98	W	7	S W	5	229	36	.20	Partly Cl'dy	Light Rain	Clear
29	29.66	29.58	75	78	74	85	62	23	62	51	N W	13	S W	14	293	24	.03	Clear	Clear	Clear
30	29.72	29.82	61	67	66	74	57	17	49	38	N W	15	W	8	323	28	T	Clear	Clear	Clear
Month Ave's.	29.96	29.93	66	68	68	77	58	19	73	71	N E	8	S W	8	222	36	Total, 1.79			

SUMMARY.

Barometer.

Monthly Mean, 29.94 inches.

Highest, 30.19 in.; Date, 13th.

Lowest, 29.58 in.; Date, 29th.

Monthly range, .61.

Temperature.

Monthly Mean, 68 degrees.
Highest, 90 degrees; Date, 27th.
Lowest, 46 degrees; Date, 5th.
Absolute range, 44 degrees.
Greatest daily range, 27 degrees; Date, 16th.
Least daily range, 9 deg.; Date, 17th.
Mean daily range, 19 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 128 degrees.

Wind.

Prevailing direction, S. W.
Mean hourly velocity, 9.
Max. hourly velocity and direction, 36 N W.; Date, 28th
Total monthly movement, 6,358 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 12.
*Greatest 24 hour precipitation, (in. and 100ths). .80; Date, 11th. Total monthly precipitation (in. and 100ths), 1.79.
Total depth of snowfall (inches and 10ths), 0 in. Date of Thunder Storms, 8th, 11th, 22d, 27th, 28th, 29th.
Accumulated deficiency of precipitation since Jan. 1st, 1.50 inch.

Compar. Temp. (Mon. Mean.)

1873---67 deg.	1887---69 deg.	1873---2.07	1887--- 5.62
1874---67 "	1888---68 "	1874---3.41	1888---2.15
1875---66 "	1889---67 "	1875---3.50	1889---3.17
1876---71 "	1890---66 "	1876---1.86	1890---3.12
1877---68 "	1891---66 "	1877---6.17	1891---1.90
1878---65 "	1892---69 "	1878---2.62	1892---2.36
1879---67 "	1893---66 "	1879---4.62	1893---2.07
1880---65 "	1894---68 "	1880---1.21	1894--- .49
1881---62 "	1895---68 "	1881---5.15	1895---2.41
1882---66 "	1896---65 "	1882---2.74	1896---2.96
1883---68 "	1897---64 "	1883---1.83	1897---2.47
1884---67 "	1898---67 "	1884---5.26	1898--- .21
1885---65 "	1899---69 "	1885---1.43	1899---2.59
1886---63 "	1900---68 "	1886---2.84	1900---1.79

Com. Rainfall. (Inches and 100ths.)

Monthly mean humidity, 72 per cent. Monthly mean dew point, 57. Number of clear days, 20. Number of fair days, 7. Number of cloudy days, 3.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XIV. No. 7.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M D , NEW HAVEN, SECTY.
G. H. WILSON, M.D., MERIDEN.
R. S. GOODWIN, M D., THOMASTON.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JULY, 1900.

THE TUTTLE, MOREHOUSE & TAYLOR CO., NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of July, 1900, and a Statement of the Births and Marriages for the Month of June, 1900.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 912,159.

TOWNS.	Estimated Population.	Living Births in June.	Still Births in June.	Marriages in June.	Total Deaths in July.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,940	32	2	22	27	25.0	16	59.2						1	1						8	1	3	1		1		2	9
Branford,	5,000	11		4	14	33.6	12	85.7									1				9			1			1		2
Bridgeport,	66,757	164	5	96	125	21.9	60	48.0	3					1				1			37	2	10	1		8	4	10	48
Bristol,	9,000	23		13	6	8.0	4	66.6						1							1					3			1
Danbury,	19,368	22	4	11	28	17.3	5	17.8										1			3		6		1	4	3	2	8
Derby,	8,500	19		7	20	28.2	10	50.0													5	1	1			2	1	1	9
East Hartford,	6,700	12		7	13	23.2	2	15.4													1	3	1	1			1	1	5
Enfield,	8,000	13		11	15	22.5	5	33.3			1										3	1				1	5		4
Greenwich,	13,000	12	2	5	18	16.6	5	27.7								1					4	1	1	1		2	1	2	5
Groton,	7,000	7	3	4	8	13.7	1	12.5							1						1		1			2			3
Hartford,	77,085	140	6	87	144	20.0	54	37.5				1	1	4	1		2				30	5	15	4		14	7	2	58
Huntington,	6,000	11		2	8	16.0	1	12.5							1						1	1	1			1			3
Killingly,	7,000	13		9	10	17.1	2	20.0													1	1		1		1	2		4
Manchester,	10,000	11		15	12	14.4	6	50.0				1											1			1	2	1	6
Meriden,	28,500	48	4	29	40	16.8	17	42.5			1			1			1	2			12		3		1	5	6	2	6
Middletown,	20,000	18	2	14	46	20.4	13	28.2						1							9		7	4	1	6	5		13
Naugatuck,	10,000	24	1	8	28	33.6	19	67.8								1			1		14		1	1		1	2	1	6
New Britain,	27,500	67	2	42	63	27.4	48	76.1			1			2					1		36			1	3	2	1	3	13
New Haven,	116,500	211	11	110	223	22.4	100	48.8						6		1	1				58	10	20	7	2	24	19	8	68
New London,	17,500	38	2	21	27	18.5	8	29.6								1					5		2		1		3	1	14
Norwalk,	23,000	28		10	32	16.6	4	12.5								2					4	1	3		1	5	2	2	12
Norwich,	25,500	39	2	35	36	16.9	8	22.2								1			1		7		1	1		7	5	4	9
Orange,	6,500	8		3	10	18.4	4	40.0								1					2		2			1	2		2
Plainfield,	5,000	6		2	9	21.6	4	44.4			1		1								1					2			4
Putnam,	6,800	25	1	8	12	21.1	7	58.3													6		1			2		1	2
Southington,	6,000	11		4	10	20.0	4	40.0													4		1				1		4
Stamford,	19,000	31	1	15	33	20.8	12	36.3			1			1			1				4	2	2		1	9	1		11
Stonington,	8,000	15		14	13	19.5												1					4			1	1	1	5
Thompson,	5,620	19	1	12	6	12.8	4	66.6														3	1						2
Torrington,	12,054	37	4	8	20	19.9	5	25.0							1								4	1		3	2	1	8
Vernon,	9,500	16	3	11	19	24.0	13	68.4													12		1			2		1	3
Wallingford,	9,000	21		7	7	9.3	3	42.8													3		1					2	1
Waterbury,	50,000	116	3	56	116	27.8	80	68.9									1				58	2	6		2	13	2	7	25
Winchester,	8,000	14	1	7	10	15.0	3	30.0													1		3			2	2		2
Windham,	10,000	17	2	19	24	28.8	6	25.0					1		1						6		7	1				2	6
Total of the 35 above towns,	689,324	1299	62	728	1232	21.7	545	44.2	3		4	2	4	8	14	2	12	8	3		346	34	110	26	13	124	81	57	381
132 towns of less than 5,000 inhabitants,	231,255	335	20	181	351	18.7	93	26.4	1		3	1	1	4	2		1	4	2	1	55	11	20	9	2	39	42	28	125
Total reported from 167 towns,	911,579	1634	82	909	1583	20.8	638	40.3	4		7	3	5	12	16	2	13	12	5	1	401	45	130	35	15	163	123	85	506
Population of town not reporting,	580																												

The Mortality in Public Institutions of the State were: in Bridgeport, 12; in Hartford, 19; in Middletown, 13; and in New Haven, 37. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in July: Ashford, Barkhamsted, Bolton, Bridgewater, Chaplin, Chester, Cornwall, Durham, Eastford, Killingworth, Madison, Marlborough, Middlefield, New Fairfield, Oxford, Sprague, Union, Washington, Weston, Wolcott, Woodbridge—21.

The Registrar of Bethlehem has made no report for July.

REMARKS.

By Mortality Reports received, there were 1583 deaths during the month of July. This was 462 more than in June, and 214 more than in July of last year, and 235 more than the average number of deaths in July for the five years preceding.

	1900	1899	1898	1897	1896	1895
January,	1367	1565	1153	1123	1121	1036
February,	1261	1192	1026	1142	1094	1357
March,	1691	1221	1272	1369	1288	1410
Total 1st quarter,	4319	3978	3451	3634	3503	3803
April,	1678	1169	1197	1212	1255	1194
May,	1230	1025	1138	1109	1203	1079
June,	1121	1048	984	978	1099	953
Total 2d quarter,	4029	3242	3319	3299	3557	3226
July,	1583	1369	1225	1225	1611	1308

The death rate was 21.7 for the large towns, for the small towns 18.7, and for the whole State 20.8.

The deaths reported from infectious diseases were 525, being 33.1 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Ansonia, 3; Beacon Falls, 3; Brooklyn, 1; Chester, 4; Colchester, 19; Danbury (city), 1; Darien, 2; Derby, 5; East Haven, 2; East Windsor, 1; Enfield, 10; Fairfield, 1; Farmington, 4; Glastonbury, 2; Greenwich, 3; Groton, 1; Haddam, 7; Hamden, 2; Kent, 4; Middletown, 2; Naugatuck, 6+; New Canaan, 19; New Haven, 11; New London (city), 6; Norwalk, 3; Pomfret, 1; Ridgefield, 7; Salisbury (several); Saybrook, 2; Seymour, 1; Sharon (few cases); Shelton (borough) 2; Simsbury, 2; Somers, 10; South Norwalk (city), 1; South Windsor, 1; Stamford (city) 12; Stonington, 4; Suffield, 1; Thomaston, 2; Waterbury (city), 1; Westport, 1; Wilton, 2; Woodstock, 4.—Total, 176+ in 44 towns.

Scarlet Fever—Ansonia, 1; Bridgeport, 15; Danbury (city), 1; Derby, 2; East Haven, 1; Greenwich, 4; Hartford, 7; Manchester, 4; Meriden (city), 7; Meriden (town), 2; Milford, 1; Montville, 3; Naugatuck, 1; New Britain (city) 8; New Haven, 9; Newtown, 1; Plainfield, 2; Portland, 1; Simsbury, 2; Somers, 1; Stratford, 3; Thomaston, 1; Waterbury (city), 3; Waterbury (town), 10; Winsted (borough), 1.—Total, 91 in 25 towns.

Cerebro-Spinal Fever—Hartford, 1.

Diphtheria and Croup—Ansonia, 4; Berlin, 1; Bethel, 1; Bridgeport, 2; Bristol, 1; Brookfield, 2; Colchester, 1; Cornwall, 1; Danbury (city), 1; Greenwich, 2; Hartford, 17; Jewett City (borough), 6; Meriden (city), 4; Middletown, 3; Montville, 1; New Haven, 4; New London (city), 5; Norwich (city), 1; Portland, 2; Prospect, 1; Redding, 2; Ridgefield, 1; Rocky Hill, 1; Somers, 1; Stafford, 2; Stamford (city), 1; Stonington, 1; Wallingford, 3; Waterbury (city), 5; West Hartford, 4.—Total, 81 in 30 towns.

Whooping Cough—Berlin, 6; Bethel, 4; Bozrah (some cases); Bristol, 4; Canaan, 2; Canton, 1; Chester, 1; Colchester, 1; Cromwell, 5; Danbury (city), 1; Durham, 4+; East Haddam, 2; Ellington, 3; Farmington, 10; Haddam, 3; Hampton, 12; Jewett City (borough), (prevalent); Lebanon, 3; Litchfield, 9+; Middletown, 6; New Britain (city), (several); New Hartford, 3; Newtown, 6+; North Haven, 12; Old Saybrook, 1; Putnam, 6; Redding, 4; Roxbury, 4; Saybrook, 1; Somers, 20; Warren, 2+; Westbrook, 3; Willimantic (city), 1.—Total, 140+ in 33 towns.

Typhoid Fever—Ansonia, 2; Darien, 1; East Hampton, 2; Enfield, 1; Greenwich, 3; Griswold, 1; Groton, 1; Hamden, 1; Hartford, 11; Killingly, 1; Litchfield, 2; Meriden (city), 1; Milford, 2; New Haven, 2; New Milford, 2; Norwalk (city), 2; Norwich, 1; Old Saybrook, 1; Orange, 2; Redding, 1; Roxbury, 1; Sharon, 1; Southington, 1; South Norwalk (city), 4; Stamford (city), 1; Suffield, 1; Torrington, 1; Waterbury (city), 8; Waterbury (town), 1; Watertown, 6; West Hartford, 1.—Total, 66 in 31 towns.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Barkhamsted, Bethany, Bloomfield, Bolton, Bridgewater, Burlington, Canterbury, Chaplin, Chatham, Cheshire, Clinton, Colebrook, Columbia, Coventry, Danbury, Danielson (borough), Eastford, East Granby, East Lyme, Easton, Essex, Franklin, Goshen, Granby, Guilford, Hartland, Hebron, Huntington, Killingworth, Ledyard, Lisbon, Lyme, Madison, Mansfield, Marlborough, Middlebury, Middlefield, Monroe, Morris, New Britain, New Fairfield, Newington, Norfolk, North Branford, North Canaan, North Stonington, Old Lyme, Oxford, Plymouth, Preston, Rockville (city), Salem, Scotland, Sherman, Southbury, Sprague, Stafford Springs (borough), Stamford, Sterling, Trumbull, Union, Vernon, Voluntown, Washington, Weston, Wethersfield, Willington, Winchester, Windsor, Windsor Locks, Wolcott, Woodbridge, Woodbury.—Total, 76.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Scotland, 1; Sharon, 2.—Total, 3.

Scarlet Fever—Franklin, 1.

Cerebro-Spinal Fever—Seymour, 1.

Diphtheria and Croup—Brookfield, 1; Montville, 1; Portland, 1; Warren, 1.—Total, 4.

Whooping Cough—Kent, 1; West Hartford, 1.—Total, 2.

Typhoid Fever—Watertown, 1.

All the Health Officers of Fairfield and Middlesex Counties have reported. But the Health Officers of the following towns have not reported:

HARTFORD CO.—Plainville.
NEW HAVEN CO.—Branford.
NEW LONDON CO.—Stonington (borough), Waterford.
WINDHAM CO.—Thompson, Windham.
LITCHFIELD CO.—Bethlehem, Harwinton.
TOLLAND CO.—Tolland.

THE HEALTH OF THE STATE.

Although the mortality was larger than usual in July, it was exceeded in March and April of the present year. In the latter months the excess was chiefly due to inflammations affecting the air passages, and very largely among those in advanced years. But in July, the highest mortality was due to inflammations of the bowels, attended with diarrhoea, and the chief sufferers were infants.

The general prevalence of infantile diarrhoea during hot weather is of common observation, but the hasty inference that heat is the chief or only cause of the disease is a fallacy.

It is true there is some proportional relation between excessive high temperature and infantile mortality from diarrhoea, but the parallel between high temperature and high mortality of infants, among different surroundings and conditions, in the same community, is too often wanting to prove that heat alone unaided by other influences can as a sole and direct cause produce infantile diarrhoea. Heat probably acts indirectly, chiefly in two ways; First, by its debilitating influence, impairing the delicate digestive powers of the infant. Secondly, and chiefly by the injurious effect which is produced by hot weather upon the food given to infants.

The great majority of deaths from diarrhœa occur in the first year of life. A much larger majority occurs among bottle-fed babies. Cow's milk is the usual bottle supply. It is generally fed to the children from 12 to 48 hours after it is taken from the cow. In that interval it is greatly contaminated by the exposures to which it has been subjected, and the consequent growth within it of innumerable bacteria.

Consider now the wide difference in the quality of the nourishment of a nursing baby and that of a bottle-fed baby. The former receives its nutriment direct from its mother's breast without the least exposure, even to the air. It is therefore sterile—free from bacteria. But the cow's milk in the bottle has had many and various exposures, and it is a fertile field for the growth of bacteria. On the least exposure it receives many germs from its surroundings, which in a few hours multiply by thousands, far more rapidly in hot weather, and quickly change and injure the quality of the milk as a food, particularly for infants.

Until the baby has passed the nursing age its stomach is not prepared by nature for any other food than that from the maternal font. Any artificial food, therefore is a trial for its digestive powers to which they are frequently unequal.

It is exceedingly rare that a baby, fed exclusively from the breast of a healthy mother, suffers with diarrhoea, however hot the weather may be. Hence it follows, that most of the 400 babies that died in Connecticut in July were victims of poisoned milk or other unsuitable food.

The mother who *can* nurse her baby, but for selfish reasons refuses to do so, assumes a fearful responsibility.

AMERICAN PUBLIC HEALTH ASSOCIATION.

The time of the next meeting of the A. P. H. A. at Indianapolis has been changed from the first week in October to the 22d, 23d, 24th, 25th, 26th of that month.

The meeting of the Section of Bacteriology and Chemistry will be held Monday, Oct. 22d, in the Insane Hospital, called to order at 10 A. M.

The meeting of the Regular Association will open Tuesday, Oct. 23d, at 10 A. M., in the Amphitheatre of The German House.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and

Superintendent of Vital Statistics.

NEW HAVEN, August 15, 1900.

METEOROLOGICAL REPORT FOR THE MONTH OF JULY, 1900.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and tooths.	8 A. M.	8 P. M.	
1	29.96	30.01	61	66	64	73	54	19	58	46	N W	8	N	8	248	22	.0	Clear	Clear	Clear
2	30.15	30.14	64	70	66	77	56	21	51	50	N	8	W	6	220	15	.0	Clear	Clear	Clear
3	30.19	29.98	66	65	67	74	60	14	71	89	S W	6	S W	8	210	20	.01	Partly Cl'dy	Light Rain	Clear
4	29.92	29.92	78	82	78	90	67	23	79	65	N W	9	N	4	163	16	.29	Clear	Clear	Clear
5	30.04	29.92	74	74	76	83	70	13	58	67	N E	9	S W	6	185	14	T	Clear	Cloudy	Clear
6	29 90	29.81	72	75	74	80	67	13	69	84	N E	9	S	3	137	11	.02	Clear	Light Rain	Clear
7	29.79	29.76	80	73	80	91	70	21	72	86	N W	3	S W	5	192	20	.05	Clear	Cloudy	Partly Cl'dy
8	29.59	29.53	74	74	78	88	69	19	80	78	S W	12	S W	10	260	24	T	Partly Cl'dy	Clear	Clear
9	29.64	29.70	72	69	71	80	62	18	69	72	N W	10	N W	9	218	15	T	Clear	Cloudy	Clear
10	29.89	29.98	67	73	70	79	60	19	69	50	N W	12	W	6	206	18	.0	Clear	Clear	Clear
11	30.11	30.03	69	72	70	80	60	20	78	77	S	8	S W	11	233	20	.0	Clear	Clear	Clear
12	29.99	29.92	74	67	73	81	65	16	86	96	S W	6	S	6	206	24	.53	Cloudy	Sprinkling	Clear
13	29.91	29.86	68	72	69	78	60	18	78	57	W	4	N W	13	190	18	T	Clear	Clear	Clear
14	29.92	29.94	70	76	74	85	64	21	52	78	N W	12	N W	6	274	26	.0	Clear	Clear	Clear
15	29.98	29.93	69	76	72	84	59	25	61	74	N W	4	S W	3	122	12	T	Partly Cl'dy	Cloudy	Clear
16	29.98	29.93	78	80	82	94	71	23	77	65	S W	6	S W	9	206	18	.02	Clear	Clear	Clear
17	29.96	29.93	78	80	81	92	70	22	79	73	S W	7	S W	6	209	20	.0	Clear	Clear	Clear
18	29.92	29.90	79	83	81	96	66	30	81	67	S W	4	N	9	255	26	.03	Clear	Partly Cl'dy	Clear
19	30.04	29.99	72	79	74	85	62	23	61	50	N	5	N	3	163	15	.0	Clear	Clear	Clear
20	30.03	30.03	71	71	71	81	61	20	64	83	N E	10	S E	9	204	16	T	Partly Cl'dy	Cloudy	Clear
21	30.05	30.02	72	75	74	79	68	11	88	91	S	6	S W	4	189	15	T	Cloudy	Cloudy	Partly Cl'dy
22	30.16	30.12	72	74	74	85	63	22	71	62	N E	16	S	7	209	20	T	Clear	Partly Cl'dy	Clear
23	30.14	30.08	74	76	76	85	66	14	82	68	S	6	S W	6	175	16	.0	Clear	Cloudy	Clear
24	30.04	29.94	74	75	76	83	69	14	80	78	W	4	S	8	179	16	.04	Partly Cl'dy	Partly Cl'dy	Clear
25	29.83	29.75	75	73	77	83	71	12	91	92	S W	11	S W	3	247	24	.09	Cloudy	Light Rain	Clear
26	29.85	29.92	68	68	68	71	64	7	98	93	N E	5	N E	2	134	13	1.20	Light Rain	Partly Cl'dy	Cloudy
27	30.03	30.03	68	72	72	82	61	21	76	65	N E	6	N	5	166	15	.0	Clear	Clear	Clear
28	30.14	30.10	66	74	68	80	56	24	71	84	N E	7	S	6	147	12	.0	Clear	Clear	Clear
29	30.10	30.04	71	72	70	80	60	20	84	79	S	6	S W	7	164	18	.0	Clear	Clear	Clear
30	30.01	29.98	73	69	70	76	65	11	79	91	S	6	S W	6	144	13	T	Clear	Partly Cl'dy	Cloudy
31	30.00	29.92	70	74	75	83	67	16	95	82	W	3	S W	10	182	14	.0	Cloudy	Clear	Partly Cl'dy
Month Ave's.	29.98	29.94	72	74	73	82	64	18	74	74	S W	7	S W	7	195	26	Total. 2.28			

SUMMARY.

BAROMETER.

Monthly Mean, 29.96 inches.

Highest, 30.19 in.; Date, 3d.

Lowest, 29.53 in.; Date, 8th.

Monthly range, .66 inches.

TEMPERATURE.

Monthly Mean, 73 degrees.
Highest, 96 degrees; Date, 18th.
Lowest, 54 degrees; Date, 1st.
Absolute range, 42 degrees.
Greatest daily range, 30 degrees; Date, 18th.
Least daily range, 7 deg.; Date, 26th.
Mean daily range, 18 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 173 degrees.

WIND.

Prevailing direction, S. W.
Mean hourly velocity, 8 miles.
Max. hourly velocity and direction, 26 N W.; Date, 14th
Total monthly movement, 6,037 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 19.
*Greatest 24 hour precipitation, (in. and tooths). 1.29; Dates, 25 & 26. Total monthly precipitation (in. and tooths), 2.28.
Total depth of snowfall (inches and tooths), 0 in. Date of Thunder Storms, 6th, 7th, 12th, 25th.
Accumulated deficiency of precipitation since Jan. 1st, 4.16 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---73 deg.	1887---75 deg.	1873---1.55	1887--4.66
1874---72 "	1888---69 "	1874---4.90	1888---1.76
1875---71 "	1889---70 "	1875---4.42	1889--17.08
1876---76 "	1890---69 "	1876--11.05	1890---6.59
1877---73 "	1891---68 "	1877---2.32	1891---4.52
1878---74 "	1892---72 "	1878---2.53	1892---4.33
1879---71 "	1893---71 "	1879---9.50	1893---1.89
1880---73 "	1894---73 "	1880---4.90	1894---2.40
1881---71 "	1895---69 "	1881---3.53	1895---3.77
1882---72 "	1896---72 "	1882---3.03	1896---3.80
1883---71 "	1897---72 "	1883---5.67	1897--16.63
1884---68 "	1898---72 "	1884---5.89	1898---5.03
1885---72 "	1899---72 "	1885---2.51	1899---4.17
1886---70 "	1900---73 "	1886---4.69	1900---2.28

COM. RAINFALL. (Inches and tooths.)

Monthly mean humidity, 74 per cent. Monthly mean dew point, 63. Number of clear days, 26. Number of partly cloudy days, 3. Number of cloudy days, 2.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XIV. No. 8.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M D , NEW HAVEN, SECTY.
G. H. WILSON, M.D., MERIDEN.
R. S. GOODWIN, M D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF AUGUST, 1900.

THE TUTTLE, MOREHOUSE & TAYLOR CO., NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of August, 1900, and a Statement of the Births and Marriages for the Month of July, 1900.

The estimated Populations stated below were given by the Town Clerks of the respective Towns. Total estimated population of the State, 906,451.

TOWNS.	Estimated Population.	Living Births in July.	Still Births in July.	Marriages in July.	Total Deaths in Aug.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,940	28	----	7	22	20.4	14	63.6	----	----	----	----	----	----	----	----	1	----	----	1	8	----	----	----	----	3	1	3	5
Branford,	5,000	20	----	1	16	38.4	9	56.2	----	----	----	----	----	----	----	----	1	2	----	----	5	----	----	----	1	3	----	----	4
Bridgeport,	66,757	168	4	44	118	21.0	61	51.6	2	----	----	1	----	1	----	----	1	2	----	----	29	6	11	1	2	11	2	5	44
Bristol,	9,000	21	2	7	10	13.3	5	50.0	----	----	----	----	1	----	----	----	----	----	----	----	4	1	----	2	----	----	1	----	1
Danbury,	19,368	33	2	8	26	16.1	9	34.6	----	----	----	----	----	----	----	----	1	----	----	----	5	----	3	1	----	2	3	----	11
Derby,	8,500	17	----	5	16	22.5	7	43.7	----	----	----	----	----	1	----	----	----	----	----	----	5	----	2	----	----	----	1	1	6
East Hartford,	6,700	16	3	2	13	23.2	7	53.8	----	----	----	----	----	----	----	----	1	----	----	----	6	----	----	----	----	2	----	2	2
Enfield,	8,000	13	----	6	16	24.0	7	43.7	----	----	----	----	----	----	----	----	----	----	----	----	5	----	----	----	----	2	----	2	7
Greenwich,	13,000	15	2	2	20	18.4	7	35.0	----	----	----	----	----	1	----	----	----	----	----	----	6	----	1	----	2	2	1	----	7
Groton,	7,000	8	----	1	14	24.0	3	21.4	----	----	----	----	----	1	----	----	----	----	----	----	1	2	1	----	----	1	1	----	7
Hartford,	79,850*	150	6	48	149	20.7	56	37.5	----	----	----	----	----	2	1	----	3	----	----	----	31	3	15	4	1	16	5	9	59
Huntington,	6,000	16	----	1	10	20.0	7	70.0	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	----	----	2	----	----	5
Killingly,	7,000	10	----	2	16	27.4	11	68.7	----	----	----	----	----	----	----	----	----	----	----	----	7	----	1	----	----	3	----	----	5
Manchester,	10,000	24	----	4	12	14.4	7	58.3	----	----	----	----	1	1	----	----	1	----	----	----	3	----	2	----	----	2	----	1	1
Meriden,	28,500	59	2	22	39	16.4	14	35.8	----	----	----	----	----	----	----	----	1	2	----	----	5	8	3	----	1	2	1	1	15
Middletown,	20,000	20	----	4	46	21.6	14	30.4	----	----	----	----	----	----	----	----	----	----	----	----	11	5	3	----	1	7	4	----	15
Naugatuck,	10,000	13	2	4	16	19.2	7	43.7	----	----	----	----	----	----	----	----	2	----	----	----	4	1	1	----	----	2	----	1	5
New Britain,	27,500	59	5	25	64	27.9	37	57.8	----	----	1	----	----	----	2	----	2	1	----	----	23	2	6	----	----	6	2	3	16
New Haven,	108,027*	232	6	54	190	18.1	78	41.0	----	----	----	1	----	2	6	----	4	3	----	----	35	14	14	5	2	21	13	15	55
New London,	17,500	6	3	9	41	28.1	21	51.2	----	----	----	----	----	----	----	1	1	----	----	----	14	----	2	----	1	5	----	4	13
Norwalk,	23,000	29	1	3	25	13.0	9	36.0	----	----	----	----	----	----	----	----	3	1	----	----	8	4	2	----	----	3	----	1	3
Norwich,	25,500	43	3	20	51	24.0	22	43.1	----	----	----	----	----	1	----	----	----	----	----	----	16	2	5	----	----	5	2	3	17
Orange,	6,500	21	1	4	11	20.3	5	45.4	----	----	----	----	----	----	----	----	----	2	----	----	3	1	2	----	----	1	----	----	2
Plainfield,	5,000	7	----	2	14	33.6	7	50.0	----	----	----	----	----	----	----	----	----	----	----	----	1	3	----	1	----	2	2	1	4
Putnam,	6,800	20	1	4	11	17.6	10	90.0	----	----	----	----	2	----	1	----	----	----	----	----	6	----	----	----	----	1	----	----	1
Southington,	6,000	8	----	----	12	24.0	5	41.6	----	----	----	----	----	----	----	----	1	----	----	----	4	2	----	----	----	2	----	----	3
Stamford,	19,000	28	2	10	40	25.2	17	23.5	----	----	1	----	----	----	----	1	1	----	----	----	3	----	3	3	----	7	6	3	12
Stonington,	8,000	10	----	6	15	22.5	10	66.6	----	----	----	----	----	----	----	----	----	----	----	----	8	----	1	----	----	1	----	----	5
Thompson,	5,620	10	----	6	15	32.0	10	66.6	----	----	----	----	----	----	----	----	----	----	----	----	8	----	1	----	----	----	1	----	5
Torrington,	12,054	22	1	5	24	23.8	18	75.0	----	----	----	----	----	----	3	----	----	----	----	----	6	1	2	1	----	----	----	----	11
Vernon,	9,500	18	----	6	11	13.8	4	36.3	----	----	----	----	----	----	----	----	----	----	----	----	3	2	----	----	----	1	----	2	3
Wallingford,	9,000	22	----	3	15	20.0	8	53.3	----	----	----	1	----	----	----	----	----	----	1	----	5	----	1	----	----	----	----	----	6
Waterbury,	50,000	157	5	31	97	23.2	47	48.4	----	----	----	----	----	----	----	----	5	----	----	----	30	2	6	3	----	15	7	7	22
Winchester,	8,000	15	2	----	17	25.5	6	35.3	----	----	----	----	----	----	----	1	----	----	----	----	4	2	1	1	----	3	1	1	3
Windham,	10,000	18	----	3	24	28.8	12	50.0	----	----	----	----	----	1	----	----	----	----	----	----	9	5	----	----	----	----	1	2	6
Total of the 35 above towns,	674,616	1362	53	369	1236	21.9	571	46.1	2	----	2	2	5	10	14	3	29	13	1	1	324	66	89	22	11	133	55	68	386
133 towns of less than 5,000 inhabitants,	231,835	1380	18	85	406	21.1	134	33.0	2	----	1	----	2	8	4	----	7	2	----	----	88	26	22	6	3	43	28	24	140
Total reported from 168 towns,	906,451	1742	71	454	1642	21.7	706	42.9	4	----	3	2	7	18	18	3	36	15	1	1	412	92	111	28	14	176	83	92	526
Population of towns not reporting,																													

The Mortality in Public Institutions of the State were: in Bridgeport, 8; in Hartford, 26; in Middletown, 10; and in New Haven, 33. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in August: Barkhamsted, Bethany, Bridgewater, Brookfield, Colebrook, Coventry, Durham, Eastford, East Haven, Franklin, Hebron, Marlborough, Middlefield, New Fairfield, Old Lyme, Prospect, Salem, Sherman, Sterling, Union, Weston—21.

*Census of 1900.

REMARKS.

By Mortality Reports received, there were 1642 deaths during the month of August. This was 59 more than in July, and 260 more than in August of last year, and 298 more than the average number of deaths in August for the five years preceding.

	1900	1899	1898	1897	1896	1895
January,	1367	1565	1153	1123	1121	1036
February,	1261	1192	1026	1142	1094	1357
March,	1691	1221	1272	1369	1288	1410
Total 1st quarter,	4319	3978	3451	3634	3503	3803
April,	1678	1169	1197	1212	1255	1194
May,	1230	1025	1138	1109	1203	1079
June,	1121	1048	984	978	1099	953
Total 2d quarter,	4029	3242	3319	3299	3557	3226
July,	1583	1369	1225	1225	1611	1308
August,	1642	1382	1402	1237	1644	1352

The death rate was 21.9 for the large towns, for the small towns 21.1, and for the whole State 21.7.

The deaths reported from infectious diseases were 612, being 37.3 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Colchester, 21; Coventry, 1; Danbury (city), 1; Derby, 1; East Haddam, 2; Fairfield, 2; Glastonbury, 2; Granby, 2; Greenwich, 1 Groton, 1 Harwinton, 4; Hebron 1; Kent 1; Manchester, 1; Norfolk, 3; Ridgefield, 5; Saybrook, 1; Seymour, 1; South Windsor, 5; Union, 1; Waterbury (city), 2.—Total, 59 in 21 towns.

Scarlet Fever—Barkhamsted, 1; Bridgeport, 16; Canaan, 3, Chatham, 1; Darien, 1; Derby, 1; East Haddam, 2; East Haven, 1; Granby, 2; Meriden (city), 3; Montville, 1; Naugatuck, 3; New Britain (city), 5; New Haven, 4; Norwalk (city), 5; Norwalk (town), 3; Orange 1; Plainfield, 1; Preston, 2; Simsbury, 2; Stratford, 1; Waterbury (city), 5; Waterbury (town), 2; Windsor Locks, 1.—Total, 67 in 22 towns.

Cerebro-Spinal Fever—Lyme, 1.

Diphtheria and Croup—Ansonia, 1; Bridgeport, 4; Cromwell, 5; Danbury (city), 1; Derby, 2; East Hartford, 1; Granby, 1; Greenwich, 8; Griswold, 1; Groton, 4; Hartford, 11; Harwinton, 1; Manchester, 4; Meriden (city), 2; New Britain (city), 1; New Haven, 5; New London, 3; Norwalk (city), 1; Norwich (town), 1; Redding, 3; Salisbury, 1; Stamford (city), 1; Warren, 1; Waterford, 4; Windsor Locks, 2; Woodbridge, 1.—Total, 70 in 26 towns.

Whooping Cough—Ansonia, 2; Bethel, 4; Chester 6; Cornwall, 3; Darien, 2; East Hartford, 2; Farmington, 5; Jewett City, (borough), 5; Litchfield, 5+; Middletown, 4; Norwich (town), 4; Redding, 4; Seymour, 6; Simsbury, 2; Waterbury (city), 2; Willimantic (city), 2; Woodbridge, 1.—Total, 59+ in 17 towns.

Typhoid Fever—Ansonia, 3; Berlin, 2; Bethel, 1; Bridgeport, 3; Bristol, 1; Canton, 1; Cornwall, 1; Coventry, 1; Cromwell, 1; Danbury (city), 6; Danbury (town), 1; Darien, 1; Derby, 1; East Hartford, 1; East Haven, 1; Goshen, 1; Granby, 1; Greenwich, 2; Hamden, 1; Hartford, 28; Ledyard, 2; Lyme, 1; Manchester, 5; Meriden (city), 4; Meriden (town), 1; Middlefield, 1; Middletown, 1; Naugatuck, 6; New Canaan, 2; New Haven, 12; Newington, 1; New Milford, 1; Norwalk (town), 3; Norwich (city), 8; Orange, 1; Plymouth, 1; Portland, 2; Preston, 1; Putnam, 1; Rocky Hill, 1; Roxbury, 2; Salisbury, 1; Simsbury, 1; South Norwalk (city), 1; Stafford, 2; Stafford Springs (borough), 1; Stamford (city), 4; Stonington, 1; Torrington, 6; Wallingford, 2; Waterbury (city), 24; Waterbury (town), 3; Watertown, 3; West Hartford, 7; Weston, 2; Wethersfield, 1; Willimantic (city), 1; Winchester, 2; Windsor, 1; Windsor Locks, 4; Woodbridge, 1—Total, 190 in 57 towns.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Beacon Falls, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Brooklyn, Burlington, Canterbury, Chaplin, Cheshire, Clinton, Colebrook, Columbia, Danielson (borough), Durham, Eastford, East Granby, East Lyme, Easton, East Windsor, Ellington, Enfield, Franklin, Guilford, Haddam, Hartland, Huntington, Killingly, Killingworth, Lebanon, Lisbon, Madison, Mansfield, Marlborough, Middlebury, Milford, Monroe, Morris, New Britain, New Fairfield, New Hartford, Newtown, North Branford, North Canaan, North Haven, Old Lyme, Old Saybrook, Oxford, Plainville, Pomfret, Prospect, Rockville (city), Salem, Scotland, Sharon, Shelton (borough), Sherman, Somers, Southbury, Sprague, Stamford, Stonington (borough), Suffield, Thomaston, Thompson, Tolland, Trumbull, Vernon, Voluntown, Westport, Willington, Wilton, Windham, Winsted (borough), Wolcott, Woodbury, Woodstock.—Total, 83.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Brooklyn, 1.

Cerebro-Spinal Fever—Redding, 2.

Diphtheria and Croup—Cromwell, 2; Fairfield, 1; Harwinton, 1; Salisbury, 1; Waterford, 1; West Hartford, 1; Windsor Locks, 1.—Total, 8.

Whooping Cough—Griswold, 1; New Milford, 2; Portland, 1.—Total, 4.

Typhoid Fever—Berlin, 1; Bethel, 1; Brooklyn, 1; East Granby, 1 New Canaan, 1; Portland, 1; Watertown, 1.—Total, 7.

All the Health Officers of New Haven, Fairfield and Tolland Counties have reported. But the Health Officers of the following towns have not reported:

Hartford Co.—Southington.

New Haven Co.—Branford (Health Officer deceased).

New London Co.—North Stonington.

Windham Co.—Hampton, Sterling.

Litchfield Co.—Washington.

Middlesex Co.—Essex, Westbrook.

HEALTH OF THE STATE.

The prevalence and mortality of measles, scarlet fever, diphtheria and whooping cough are greatly abated as compared with the preceding months of the year. But typhoid fever and acute intestinal affections have increased. The typhoid excess is probably due in part to the low elevation of the wells. Other diseases have not varied so conspicuously from their usual prevalence.

Typhoid fever is reported as occurring during August in 56 towns in the State, with a mortality of 36, against 21 in August of last year. Several of the cases are reported as taken ill soon after a vacation spent away from home. It would be very instructive and profitable if all the reports of typhoid cases, indicated whether contracted at home or elsewhere. In the Bulletin published about a year ago it was stated that a large proportion of the victims of infectious diseases are among those who have been visitors of the different summer resorts in this or neighboring States. And the same observation is likely to be realized this autumn, especially in the occurrence of typhoid fever.

The unusual high temperature during August has operated with fatal effect upon infantile life. Over 43 per cent. of the total deaths were of children under 5 years old. These deaths were in the majority of instances caused by diarrhœal disorders and induced mostly by food rendered unwholesome by the changes produced in it by heat, as stated in the Bulletin of last month. Nursing babies and babies well-fed on wholesome, unspoiled food, do not suffer from hot weather more than other citizens.

THE POPULATION.

The Census Bureau is slow in publishing the population of Connecticut towns. Thus far only Hartford and New Haven have been given out. The census of Hartford shows a greater population than estimated a year ago, by its Town Clerk, while the estimate of the Town Clerk of New Haven largely exceeded the census. The Census will be published in the Bulletin as fast as it is received.

TO THE REGISTRARS.

It has accidentally happened that some of the cards provided for copying the Certificates have been punched on the upper instead of the lower edge. And they have been inadvertently distributed to some of the Registrars. If any Registrars have received such, they are requested to return them to the Superintendent. If they are used for copies of certificates, it would be impossible to file them with the others, as when filed they would be upside down, and so not accessible for reference.

Registrars will kindly return to this office all mis-punched cards and all that are in any respect imperfect, in order that they may be exchanged with the makers, for perfect ones.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, September 15, 1900.

METEOROLOGICAL REPORT FOR THE MONTH OF AUGUST, 1900.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.91	29.98	76	70	73	83	63	20	74	51	S W	4	N	12	202	16	.0	Cloudy	Partly Cl'dy	Clear
2	30.05	29.99	66	69	66	76	55	21	61	65	N E	6	S W	12	199	16	.0	Clear	Clear	Clear
3	30.02	30.06	68	70	70	82	59	23	63	51	W	3	N	7	193	21	.0	Clear	Clear	Clear
4	30.22	30.24	62	67	64	75	53	22	61	59	N E	14	S W	5	191	18	.0	Clear	Partly Cl'dy	Clear
5	30.29	30.20	70	70	68	79	58	21	55	61	N W	3	S W	8	195	14	.0	Clear	Partly Cl'dy	Clear
6	30 12	30.04	69	80	76	90	63	27	88	66	W	9	N E	16	151	20	.26	Clear	Partly Cl'dy	Clear
7	30.08	30.11	74	74	76	84	69	15	74	78	N E	5	E	6	166	12	T	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
8	30.14	30.01	68	72	71	75	67	8	90	85	N E	6	S W	10	180	14	.01	Cloudy	Partly Cl'dy	Cloudy
9	29.95	29.94	80	85	80	92	69	23	72	48	N	12	N E	4	167	20	.0	Clear	Clear	Clear
10	30.00	29.90	83	81	80	92	68	24	67	68	N	1	S W	12	167	17	.0	Clear	Partly Cl'dy	Clear
11	29.89	29.80	81	88	87	98	76	22	65	42	W	4	W	8	191	24	.0	Clear	Clear	Clear
12	29.88	29.98	82	67	78	90	66	24	56	83	N W	4	S E	7	151	20	T	Clear	Partly Cl'dy	Partly Cl'dy
13	30.01	29.94	66	63	66	73	60	13	75	87	E	8	E	4	212	22	.04	Cloudy	Light Rain	Cloudy
14	29.98	30.04	62	69	68	77	60	17	87	86	N	8	S E	9	199	14	.06	Partly Cl'dy	Clear	Clear
15	30.11	30.07	70	71	72	76	68	8	86	90	S E	10	S E	8	262	19	T	Cloudy	Cloudy	Cloudy
16	29.93	29.93	72	77	78	86	70	16	91	73	S E	10	N	2	176	14	.30	Cloudy	Clear	Partly Cl'dy
17	29.98	30.00	72	70	75	85	65	20	86	81	N	2	N	4	103	18	.01	Partly Cl'dy	Clear	Partly Cl'dy
18	30.09	29.99	68	72	70	78	62	16	63	73	N E	10	N W	2	162	14	.0	Clear	Clear	Clear
19	30.01	30.04	71	70	68	78	58	20	75	44	N E	18	N	4	208	18	.0	Clear	Partly Cl'dy	Clear
20	30.05	29.98	62	67	63	73	53	20	71	71	N E	7	S W	6	149	12	.0	Partly Cl'dy	Clear	Partly Cl'dy
21	29.99	29.95	63	66	64	72	55	17	77	75	N E	5	S W	5	160	14	.0	Partly Cl'dy	Clear	Partly Cl'dy
22	29.95	29.93	68	70	68	77	58	19	71	80	N W	4	W	6	151	14	.02	Cloudy	Clear	Clear
23	30.03	30.02	68	72	70	81	60	21	71	75	N	3	S W	8	158	13	.0	Clear	Cloudy	Partly Cl'dy
24	29.99	29.96	70	76	74	80	68	12	98	95	E	7	S W	6	187	15	.18	Light Rain	Clear	Clear
25	30.00	29.98	74	79	80	89	71	18	88	81	W	6	S W	7	151	15	.01	Partly Cl'dy	Clear	Clear
26	30.03	29.96	74	80	80	89	70	19	98	80	S W	4	W	3	100	13	T	Cloudy	Clear	Clear
27	29.99	29.92	80	82	82	93	72	21	72	64	N	6	N E	6	164	13	.0	Clear	Cloudy	Clear
28	29.92	29.93	74	74	76	83	68	15	76	84	N E	9	E	2	148	12	T	Partly Cl'dy	Clear	Clear
29	30.02	30.01	71	74	73	80	66	14	85	76	E	3	S W	5	150	16	.01	Cloudy	Partly Cl'dy	Clear
30	30.10	30.06	72	76	77	89	65	24	91	87	W	1	S W	9	151	13	.0	Cloudy	Clear	Clear
31	30.16	30.16	70	76	75	86	64	22	79	87	N	10	S	2	151	13	.0	Clear	Clear	Clear
Month Ave's.	30.03	30.00	71	74	73	83	64	19	76	72	N E	6	S W	7	171	24	Total, .90			

SUMMARY.

BAROMETER.

Monthly Mean, 30.02 inches.

Highest, 30.29 in.; Date, 5th.

Lowest, 29.80 in.; Date, 11th.

Monthly range, .49 inches.

TEMPERATURE.

Monthly Mean, 73 degrees.
Highest, 98 degrees; Date, 11th.
Lowest, 53 degrees; Date, 3d.
Absolute range, 45 degrees.
Greatest daily range, 27 degrees; Date, 6th.
Least daily range, 8 deg.; Date, 15th.
Mean daily range, 19 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 272 degrees.

WIND.

Prevailing direction, S. W.
Mean hourly velocity, 7 miles.
Max. hourly velocity and direction, 24 W.; Date, 11th
Total monthly movement, 5,295 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 15.
*Greatest 24 hour precipitation, (in. and 100ths). .30; Date, 16th. Total monthly precipitation (in. and 100ths), .90.
Total depth of snowfall (inches and 10ths), 0 in. Dates of Thunder Storms, 6th, 7th, 12th, 15th, 16th.
Accumulated deficiency of precipitation since Jan. 1st, 8.38 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---69 deg.		1887---68 deg.	
1874---68	"	1888---70	"
1875---71	"	1889---68	"
1876---72	"	1890---69	"
1877---73	"	1891---71	"
1878---71	"	1892---71	"
1879---68	"	1893---71	"
1880---70	"	1894---69	"
1881---72	"	1895---71	"
1882---70	"	1896---71	"
1883---69	"	1897---69	"
1884---70	"	1898---72	"
1885---69	"	1899---70	"
1886---69	"	1900---73	"

COM. RAINFALL. (Inches and 100ths.)

1873---9.90		1887--- 4.80	
1874---12.99		1888---7.10	
1875---5.56		1889---4.38	
1876---2.20		1890---2.67	
1877---5.69		1891---3.14	
1878---4.93		1892---4.90	
1879---9.40		1893---4.86	
1880---8.14		1894---1.70	
1881---2.51		1895---3.91	
1882---.26		1896---2.57	
1883---1.26		1897---6.81	
1884---5.60		1898---6.65	
1885---8.13		1899---.65	
1886---4.56		1900---.90	

Monthly mean humidity, 74 per cent. Monthly mean dew point, 63. Number of clear days, 20. Number of partly cloudy days, 8. Number of cloudy days, 3.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XIV. No. 9.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M D , NEW HAVEN, SEC'Y.
O. H. WILSON, M.D., MERIDEN.
R. S. GOODWIN, M D., THOMASTON.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF SEPTEMBER, 1900.

THE TUTTLE, MOREHOUSE & TAYLOR CO., NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of September, 1900, and a Statement of the Births and Marriages for the Month of August, 1900.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Population.	Living Births in Aug.	Still Births in Aug.	Marriages in Aug.	Total Deaths in Sept.	Representing An. Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	La Grippe.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Typho-Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	41	3	5	8	7.5	4	50.0	----	----	----	----	----	----	----	----	1	----	----	----	2	----	----	----	----	2	1	----	2
Branford,	5,706	17	1	5	14	29.3	8	57.1	----	----	----	----	----	----	----	----	----	1	----	----	5	----	3	----	----	1	----	----	4
Bridgeport,	70,996	190	10	45	100	16.3	42	42.0	----	----	----	----	----	----	1	----	4	2	1	----	21	----	14	4	----	11	3	8	31
Bristol,	9,643	29	1	7	12	14.9	3	25.0	----	----	----	----	----	----	----	----	----	----	1	----	1	----	1	----	----	2	1	----	6
Danbury,	19,474	29	----	6	26	16.0	5	19.2	----	----	----	----	----	----	----	----	1	----	----	----	3	1	3	----	----	6	4	3	5
Derby,	7,930	21	1	2	16	24.1	10	62.5	----	----	----	----	----	----	----	----	----	----	----	----	5	1	----	1	----	2	----	----	7
East Hartford,	6,406	21	1	2	9	16.8	2	22.2	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	2	1	1	3
Enfield,	6,699	11	----	3	7	12.5	1	14.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	1	1	----	3
Greenwich,	12,172	13	----	3	12	11.8	4	33.3	----	----	----	----	----	1	----	----	1	----	1	----	2	----	1	----	----	----	----	1	5
Groton,	5,962	9	1	4	3	6.0	3	100.0	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	----	----	----	----	----	----
Hartford,	79,850	176	5	44	109	14.7	48	44.0	----	----	----	----	----	1	2	----	6	----	----	1	16	3	12	4	2	16	5	6	35
Huntington,	5,572	11	----	2	7	15.0	3	42.8	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	1	5
Killingly,	6,835	18	----	6	6	10.5	4	66.6	----	----	----	----	----	----	----	----	----	----	----	----	3	----	1	----	----	----	----	1	1
Manchester,	10,601	20	1	4	14	15.8	3	21.4	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	2	2	----	8
Meriden,	28,695	64	3	13	36	15.0	12	33.3	----	----	----	----	----	----	1	----	----	----	----	----	4	2	3	----	1	3	4	3	15
Middletown,	17,486	31	1	8	38	18.5	9	23.6	----	----	----	----	----	----	2	----	----	----	----	----	4	5	4	----	----	7	4	1	11
Naugatuck,	10,541	37	3	5	16	18.2	9	56.2	----	----	----	----	----	----	----	----	----	----	----	----	5	1	1	1	----	3	----	----	5
New Britain,	28,202	66	3	17	44	18.7	24	54.5	----	----	----	----	----	1	----	----	1	1	----	----	11	----	3	----	1	4	2	5	15
New Haven,	108,827	228	11	54	135	13.7	41	30.3	----	----	1	----	----	----	1	----	5	3	----	----	12	4	9	5	4	15	11	14	51
New London,	17,548	42	3	13	36	24.6	16	44.4	----	----	----	----	----	----	----	----	1	----	----	----	11	----	4	1	1	2	2	1	13
Norwalk,	19,932	30	----	8	32	19.2	7	21.8	----	----	----	----	----	1	----	----	2	----	----	----	3	----	4	----	----	9	2	1	10
Norwich,	24,637	37	4	18	45	21.9	14	31.1	----	----	----	----	----	5	----	----	1	----	----	----	9	2	8	1	----	9	1	2	7
Orange,	6,995	18	1	6	13	22.3	5	38.4	----	----	----	----	----	----	----	----	1	1	----	----	2	----	----	----	----	4	2	----	3
Putnam,	7,348	24	1	2	15	24.4	8	53.3	----	----	1	----	----	----	----	----	----	----	----	----	5	----	1	----	2	2	----	1	3
Southington,	5,890	19	----	1	7	14.2	5	71.4	----	----	----	----	----	----	----	----	1	----	----	----	3	----	1	----	----	----	----	----	2
Stamford,	18,830	30	1	7	28	17.8	6	21.4	----	----	----	----	----	1	----	----	1	----	----	----	1	----	5	----	----	2	7	----	11
Stonington,	8,540	11	----	3	11	15.4	3	27.2	----	----	----	----	1	----	----	----	1	----	----	----	2	----	2	----	----	1	----	1	3
Thompson,	6,442	14	----	2	14	26.0	10	71.4	----	----	----	----	----	----	----	----	----	----	----	----	8	----	----	----	----	----	1	1	4
Torrington,	12,453	20	2	4	20	19.2	13	65.0	----	----	----	----	----	----	2	----	2	----	----	----	1	----	1	1	----	3	----	2	8
Vernon,	8,483	22	1	6	9	12.7	3	33.3	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	1	----	2	1	----	2
Wallingford,	9,001	17	1	4	11	14.6	4	36.3	----	----	----	----	----	----	----	----	1	----	----	----	1	1	----	----	----	4	----	----	4
Waterbury,	51,139	123	4	25	61	14.3	22	36.0	----	----	----	----	----	----	----	----	5	----	----	----	7	----	4	----	1	9	5	5	25
Winchester,	7,763	9	1	5	6	9 2	5	83.3	----	----	----	----	----	----	1	----	----	----	----	----	3	----	1	----	----	1	----	----	----
Windham,	10,137	22	1	4	20	23.6	6	30.0	----	----	----	----	----	----	----	----	----	----	----	----	3	3	2	----	1	----	----	1	10
Total of the 34 above towns,	669 426	1487	65	343	940	16.8	362	38.4	----	----	2	----	1	10	11	----	36	8	3	1	160	23	90	19	15	125	60	59	317
133 towns of less than 5,000 inhabitants,	238,353	383	18	90	330	16.6	107	32.4	1	----	----	----	1	1	3	1	4	5	----	1	54	19	27	4	8	35	22	10	134
Total reported from 167 towns,	907,779	1859	83	433	1270	16.7	469	36.9	1	----	2	----	2	11	14	1	40	13	3	2	214	42	117	23	23	160	82	69	451
Population of town not reporting,	576																												

The Mortality in Public Institutions of the State were: in Bridgeport, 9; in Hartford, 30; in Middletown, 16; and in New Haven, 30. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in September: Andover, Beacon Falls, Bethany, Bolton, Brookfield, Canaan, Canterbury, Clinton, Colebrook, Easton, Haddam, Hartland, Marlborough, Monroe, New Fairfield, Newington, North Stonington, Oxford, Prospect, Redding, Salem, Scotland, Sherman, Trumbull, Warren, Watertown, Willington —27.

The Registrar of Bethlehem has made no report for September.

REMARKS.

By Mortality Reports received, there were 1270 deaths during the month of September. This was 372 less than in August, and 128 more than in September of last year, and 62 more than the average number of deaths in September for the five years preceding.

	1900	1899	1898	1897	1896	1895
January,	1367	1565	1153	1123	1121	1036
February,	1261	1192	1026	1142	1094	1357
March,	1691	1221	1272	1369	1288	1410
Total 1st quarter,	4319	3978	3451	3634	3503	3803
April,	1678	1169	1197	1212	1255	1194
May,	1230	1025	1138	1109	1203	1079
June,	1121	1048	984	978	1099	953
Total 2d quarter,	4029	3242	3319	3299	3557	3226
July,	1583	1369	1225	1225	1611	1308
August,	1642	1382	1402	1237	1644	1352
September,	1270	1142	1351	1136	1188	1223
Total 3d quarter	4495	3893	3978	3598	4443	3883

The death rate was 16.8 for the large towns, for the small towns 16.6, and for the whole State 16.7.

The deaths reported from infectious diseases were 345, being 27.1 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Bethel, 1; Bozrah, 9; Bridgeport, 1; Colchester, 15; East Haddam, 20; Haddam, 2; Milford, 2; New Britain (city), 8; New Haven, 3; Norwich (city), 1; Putnam, 1; South Windsor, 2; Wallingford, 1.—Total 66 in 13 towns.

Scarlet Fever—Bethel, 3; Bridgeport, 11; Canaan, 2; Essex, 1; Greenwich, 1; Hartford, 1; Meriden (city), 11; Meriden (town), 1; Middletown, 1; Naugatuck, 1; New Haven, 6; New London, 1; Norwalk (city), 4; Norwich (city), 1; Orange, 1; Plainfield, 2; Plymouth, 1; Southington, 2; Stamford (city), 1; Stratford, 1; Trumbull, 3; Watertown, 1; Windsor, 1; Windsor Locks, 4.—Total 62 in 23 towns.

Cerebro-Spinal Fever—Waterbury (city), 1.

Diphtheria and Croup—Berlin, 1; Bethel, 3; Bridgeport, 6; Brookfield, 2; Canaan, 2; Chatham, 2; Enfield, 1; Greenwich, 4; Guilford, 1; Hartford, 28; Manchester, 1; Meriden (city), 1; Middletown, 3; New Britain (city), 2; New Haven, 3; New London, 1; Norwalk (city), 11; Norwich (city), 3; Norwich, (town), 2; Orange, 1; Somers, 3; South Norwalk (city), 3; Stamford, 1; Torrington, 1; Waterbury (city), 3; Waterford, 4.—Total 95 in 24 towns.

Whooping Cough—Berlin (few cases); Bethel, 4; Canton, 1; Coventry, 1; Hampton, 3; Litchfield, 5+; Middletown, 13; Montville, 1; Newington, 3; North Haven, 10; Somers, 4; Washington, 6; Woodstock, 2.—Total 53+in 13 towns.

Typhoid Fever—Ansonia, 4; Barkhamsted, 1; Beacon Falls, 1; Bethel, 2; Bridgeport, 7; Bristol, 3; Cornwall 2; Danbury (city), 3; East Granby 1; East Hartford, 3; Enfield, 3; Fairfield, 1; Granby, 1; Hamden, 1; Hartford, 31; Manchester, 16; Mansfield, 2; Meriden (city), 4; Middletown, 2; Naugatuck, 7; New Canaan, 2; New Fairfield, 1; New Haven, 21; New London, 1; North Haven, 1; Norwalk (town), 4; Norwich (city), 11; Norwich (town), 1; Old Saybrook, 1; Plymouth, 3; Pomfret, 1; Portland, 2; Preston, 1; Rocky Hill, 5; Roxbury 1; Salisbury, 1; Shelton (borough), 2; Somers, 4; Southington, 6; South Norwalk (city), 4; Stafford, 2; Stamford (city), 12; Stamford (town), 1; Stonington, 2; Suffield, 2; Tolland, 1; Torrington, 5; Trumbull, 2; Wallingford, 7; Waterbury (city), 10; Waterbury (town), 1; Watertown, 1; West Hartford, 1; Wilton, 1; Windham, 3; Windsor, 7; Windsor Locks, 1; Winsted (borough), 1.—Total 228 in 54 towns.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Avon, Bethany, Bloomfield, Bolton, Bridgewater, Brooklyn, Burlington, Canterbury, Chaplin, Cheshire, Chester, Clinton, Colebrook, Columbia, Cromwell, Danbury, Danielson (borough), Darien, Derby, Durham, Eastford, East Haven, Easton, East Windsor, Ellington, Farmington, Franklin, Glastonbury, Goshen, Griswold, Groton, Hartland, Hebron, Huntington, Jewett City (borough). Kent, Killingly, Killingworth, Lebanon, Ledyard, Lisbon, Lyme, Madison, Marlborough, Middlebury, Middlefield, Monroe, Morris, New Britain, New Hartford, New Milford, Newtown, Norfolk, North Branford, North Canaan, North Stonington, Old Lyme, Oxford, Plainville, Prospect, Redding, Ridgefield, Rockville (city), Salem, Saybrook, Scotland, Seymour, Sharon, Sherman, Simsbury, Southbury, Sprague, Stafford Springs (borough), Sterling, Thomaston, Thompson, Union, Vernon, Voluntown, Warren, Westbrook, Weston, Westport, Wethersfield, Willimantic (city), Willington, Winchester, Wolcott, Woodbridge, Woodbury.—Total, 93.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Cerebro-Spinal Fever—Harwinton, 1.

Diphtheria and Croup—Waterford, 1.

Whooping Cough—Litchfield, 1; New Milford, 1; Somers, 1.—Total, 3.

Typhoid Fever—Bethel, 1; Cornwall, 1; Plymouth, 1; Westport, 1. Total, 4.

All the Health Officers of Hartford, New Haven, Fairfield, Windham, Middlesex and Tolland Counties have reported. But the Health Officers of the following towns have not reported:

New Haven Co.—Branford (no Health Officer).

New London Co.—East Lyme, Stonington (borough).

Litchfield Co.—Bethlehem, Harwinton.

THE HEALTH OF THE STATE.

Measles and scarlet fever have prevailed to about the same extent as in August. The cases of diphtheria are less than one-third of those in August. Whooping cough has diminished in September as compared with August. But typhoid fever has markedly increased. It is reported in 54 towns and the cases number 228 as compared with 190 in August, making a total in the two months of 418, which is 51 in excess of the same months in 1899. Doubtless the increase is to be attributed largely to the low state of the wells. We may reasonably expect an increase of typhoid in October.

Dr. Osler of Johns Hopkins University says:—A threefold duty devolves upon the members of our profession; first, to preach cleanliness! cleanliness!! cleanliness!!! second, to give a loyal and willing support to the State and local health officials; and third, to guard every case of typhoid fever as a center and possible source of further infection.

The population of towns and cities in this issue of the Bulletin is as obtained in the recent census.

SANITARY PROGRESS.

The authorities of El Paso in Texas are a judicious and considerate body. They object to the practice, so much in use by the gentler sex, of wiping the sidewalks with their trailing dresses and carrying the accumulated microbes, mud, spittle, and other filth, into habitations and occupied places, to be dried and shaken off in the air and so render respiration therein disgusting and dangerous.

They have proceeded to the extent of their authority by prohibiting the admission of teachers within the public schools except in "short skirts." Their example ought to be imitated throughout the United States.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, October 15, 1900.

METEOROLOGICAL REPORT FOR THE MONTH OF SEPT. 1900.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.34	30.34	67	72	72	79	66	13	78	73	N E	12	S	8	185	14	.0	Cloudy	Clear	Clear
2	30.35	30.24	74	73	72	82	63	19	78	86	S	1	S W	8	189	18	.0	Clear	Clear	Clear
3	30.22	30.12	72	74	76	83	68	15	84	82	W	10	S W	10	237	22	.0	Clear	Clear	Clear
4	30.15	30.17	75	75	76	87	66	21	72	47	S W	3	N	7	166	13	.0	Clear	Clear	Clear
5	30.23	30.10	68	74	71	82	60	22	71	78	E	10	S W	8	187	14	.0	Clear	Clear	Clear
6	30 00	29.91	74	72	80	89	70	19	86	92	S W	12	S E	5	248	30	.24	Partly Cl'dy	Light Rain	Clear
7	29.99	30.12	73	70	75	82	68	14	86	83	N E	8	S E	7	168	15	.06	Clear	Partly Cl'dy	Partly Cl'dy
8	30.23	30.16	66	71	68	74	62	12	80	68	E	9	S	9	171	12	.01	Partly Cl'dy	Light Rain	Clear
9	30.08	30.04	72	75	76	84	68	16	84	51	S W	3	N W	7	117	14	T	Clear	Clear	Clear
10	30.16	30.12	69	71	70	78	63	15	65	70	N E	13	S W	6	204	14	.0	Clear	Clear	Clear
11	30.05	29.84	72	75	74	82	67	15	91	91	S W	13	S W	10	218	18	.0	Cloudy	Cloudy	Partly Cl'dy
12	29.52	29.76	78	69	74	87	60	27	63	51	S W	27	W	12	360	.44	.0	Clear	Clear	Clear
13	29.94	29.96	62	64	64	74	54	20	69	62	N W	3	W	5	142	12	.0	Clear	Clear	Clear
14	30.01	30.00	61	71	66	80	52	28	84	68	N	1	N W	6	136	14	.0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
15	30.16	30.07	57	66	61	70	52	18	66	63	N E	12	S E	8	249	17	.0	Clear	Cloudy	Partly Cl'dy
16	29.72	29.74	56	68	63	72	54	18	97	89	W	19	S	8	248	23	.86	Sprinkling	Cloudy	Partly Cl'dy
17	29.74	29.79	61	53	60	70	50	20	94	84	N W	5	N W	8	207	26	.48	Partly Cl'dy	Clear	Partly Cl'dy
18	29.79	30.08	59	58	60	71	48	23	54	59	N W	20	N	4	325	28	.0	Clear	Clear	Clear
19	30.32	30.34	49	55	54	64	43	21	67	73	N E	14	S	2	167	15	.0	Clear	Clear	Clear
20	30.32	30.19	55	66	55	67	43	24	85	78	N E	2	S	15	225	20	.0	Clear	Cloudy	Partly Cl'dy
21	30.06	29.94	66	68	68	75	61	14	95	90	S W	11	S W	8	224	14	.01	Cloudy	Clear	Partly Cl'dy
22	29.99	29.95	60	60	64	73	55	18	68	68	N W	9	N W	9	185	16	T	Clear	Clear	Clear
23	29.93	29.93	58	60	60	68	52	16	77	70	N	5	W	7	138	15	.0	Partly C'ldy	Clear	Partly Cl'dy
24	30.09	30 15	59	66	65	76	54	22	72	80	N	8	N	6	207	16	.0	Clear	Clear	Clear
25	30.31	30.27	60	65	63	74	52	22	86	80	N E	9	S W	4	122	10	.0	Clear	Cloudy	Clear
26	30.21	30.11	59	66	64	73	54	19	92	97	N	4	S	8	138	12	.0	Cloudy	Clear	Partly Cl'dy
27	30.07	30.07	63	67	65	72	58	14	89	95	S W	4	S	5	168	14	T	Partly Cl'dy	Clear	Partly Cl'dy
28	30.15	30.23	66	60	62	68	56	12	87	97	N E	12	N E	6	182	13	T	Cloudy	Cloudy	Cloudy
29	30.21	30.03	57	63	60	66	55	11	91	87	N E	4	S E	8	162	12	T	Cloudy	Cloudy	Cloudy
30	30.09	30.15	63	66	65	70	60	10	100	95	N	1	S E	14	54	5	.44	Light Rain	Cloudy	Cloudy
Month Ave's.	30.08	30.06	64	67	67	76	58	18	80	77	N E	9	S	8	194	42	Total, 2.10			

SUMMARY.

BAROMETER.

Monthly Mean, 30.07 inches.

Highest, 30.35 in.; Date, 2d.

Lowest, 29.72 in.; Date, 16th.

Monthly range, .63 inches.

TEMPERATURE.

Monthly Mean, 67 degrees.
Highest, 89 degrees; Date, 6th.
Lowest, 43 degrees; Date, 20th.
Absolute range, 46 degrees.
Greatest daily range, 28 degrees; Date, 14th.
Least daily range, 10 deg.; Date, 30th.
Mean daily range, 18 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 371 degrees.

WIND.

Prevailing direction, S. W.
Mean hourly velocity, miles.
Max. hourly velocity and direction, 42 W.; Date, 12th
Total monthly movement, 5,829 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 12.
*Greatest 24 hour precipitation, (in. and 100ths). 1.34; Date, 15th, 16th. Total monthly precipitation (in. and 100ths), 2.10.
Total depth of snowfall (inches and 10ths), 0 in. Dates of Thunder Storms, 16th, 21st, 27th.
Accumulated deficiency of precipitation since Jan. 1st, 10.09 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---62 deg.		1887---59 deg.	
1874---64	"	1888---61	"
1875---61	"	1889---63	"
1876---61	"	1890---63	"
1877---65	"	1891---66	"
1878---65	"	1892---62	"
1879---60	"	1893---60	"
1880---64	"	1894---66	"
1881---70	"	1895---66	"
1882---65	"	1896---63	"
1883---61	"	1897---63	"
1884---67	"	1898---67	"
1885---62	"	1899---62	"
1886---64	"	1900---67	"

COM. RAINFALL. (Inches and 100ths.)

1873---2.12	1887---2.21
1874---4.07	1888---7.68
1875---2.10	1889---4.98
1876---5.34	1890---5.38
1877---1.13	1891---5.96
1878---7.07	1892---1.54
1879---2.13	1893---2.24
1880---3.73	1894---4.63
1881---1.45	1895---2.61
1882---13.43	1896---3.42
1883---3.43	1897---2.42
1884---1.41	1898---2.30
1885---.77	1899---3.33
1886---2.25	1900---2.10

Monthly mean humidity, 79 per cent. Monthly mean dew point, 59. Number of clear days, 16. Number of partly cloudy days, 11. Number of cloudy days, 3.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIV. No. 10.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
G. H. WILSON, M.D., MERIDEN.
R. S. GOODWIN, M.D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF OCTOBER, 1900.

THE TUTTLE, MOREHOUSE & TAYLOR CO., NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of October, 1900, and a Statement of the Births and Marriages for the Month of August, 1900.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Population.	Living Births in Sept.	Still Births in Sept.	Marriages in Sept.	Total Deaths in Oct.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	30	2	6	20	18.9	6	30.0												2		3		1		2	3	9
Branford,	5,706	23	2	4	7	14.7	4	57.1												2						2		3
Bridgeport,	70,996	160	5	62	83	13.6	15	18.0			2			4	1		1			5	1	7	4	1	4	1	6	46
Bristol,	9,643	10		3	20	24.8	3	66.6							1		2			1		3			5	2	1	5
Danbury,	19,474	24	1	11	23	14.1	6	28.8						2						1		3	3	1	4	2		7
Derby,	7,930	10		8	17	25.7	4	23.5												1		4	1			2		9
East Hartford,	6,406	13		5	5	9.3	1	20.0														1						4
Enfield,	6,699	15	1	6	11	19.7	3	27.2							1		1					1	1	1	1		3	2
Greenwich,	12,172	10	1	5	16	15.7	7	43 7						3									1		4	1	1	6
Groton,	5,962	8		6	6	12.0	1	16.6												1			1		2			2
Hartford,	79,850	139	3	48	108	14.2	27	25.0						2			9	1		6	2	12	7	3	10	8	4	44
Huntington,	5,572	11		2	6	12.9	2	33 3																	1	1	2	2
Killingly,	6,835	16		8	13	22.8	5	38.4												3		2				1	1	6
Manchester,	10,601	15		6	14	15.3	6	42.8									3			1		2			3	1		4
Meriden,	28,695	42	1	12	26	10.8	5	15.3				2								2		3	3		1	3	2	10
Middletown,	17,486	14	2	7	30	13 7	7	23.3							1	1		1		1		5	2		6	4	1	8
Naugatuck,	10,541	20		2	13	14.7	3	23.0					1							3	1	1				1	1	5
New Britain,	28,202	67	4	24	42	17.8	22	52.3			1			2						4		4	1	6	4	4	1	15
New Haven,	108,027	255	7	82	141	15.3	38	26.9							1	2	6	2		9	5	18	6	5	10	14	3	60
New London,	17,548	31		15	25	17.0	7	28.0						1						4		2	2	1	3	3	3	6
Norwalk,	19,932	34		12	14	8.4	4	28.5						1						1		2			1		1	8
Norwich,	24,637	42		21	37	18.0	2	5.4		1				2			1			2		4	2		6	2	1	16
Orange,	6,995	14	1	5	6	10.2												2								2		2
Putnam,	7,348	9		3	9	14.6	5	55.5												2		1			1	2		3
Southington,	5,890	11		2	7	14.2																1				2	2	2
Stamford,	18,839	31	3	7	22	14.0	5	22.7						1			2			1					4	4	2	8
Stonington,	8,540	19	1	5	16	22.4	3	21.4					1				1		1	1	1	1	1					6
Thompson,	6,442	16		14	8	14.9	4	50.0					1							2			1		1			3
Torrington,	12,453	22	1	7	8	7.7	4	50.0							1					1		1			1			3
Vernon,	8,483	12	3	11	10	14.1	1	10.0												1		4		1		1		3
Wallingford,	9,001	18		5	8	10.6	2	25.0					1				1								1	1	1	3
Waterbury,	51,139	120	3	26	73	17.1	29	39.7						1			3	2		2	3	2	4	2	6	1	4	43
Winchester,	7,763	4	3	5	5	7.7	3	60.0						1								1			2			1
Windham,	10,137	18	1	7	17	20.1	7	41.1									1			3		1		2	3	1	1	5
Total of the 34 above towns,	668,616	1298	45	452	866	15.5	241	27.9			4	2	4	20	6	3	31	8	1	63	13	89	40	25	84	68	46	359
133 towns of less than 5,000 inhabitants,	238,854	366	16	120	342	17.6	76	22 4		3	2	1	1	9	4	1	9	2	1	29	6	30	12	11	50	37	11	123
Total reported from 167 towns,	907,470	1664	61	572	1208	15.9	317	26.3		3	6	3	5	29	10	4	40	10	2	92	19	119	52	36	134	105	57	482
Population of town not reporting,	885																											

The Mortality in Public Institutions of the State were: in Bridgeport, 11; in Hartford, 11; in Middletown, 15; and in New Haven, 25. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in October: Bridgewater, Chester, Colebrook, Eastford, East Granby, Franklin, Goshen, Hampton, Hartland, Hebron, Killingworth, Marlborough, Middlebury, Monroe, Morris, Newington, Oxford, Prospect, Redding, Roxbury, Saybrook, Simsbury, Tolland, Warren, Weston, Wolcott, Woodbridge—27.

The Registrar of Willington has made no report for October.

REMARKS.

By Mortality Reports received, there were 1208 deaths during the month of October. This was 62 less than in September, and 172 more than in October of last year, and 110 more than the average number of deaths in October for the five years preceding.

	1900	1899	1898	1897	1896	1895
January,	1367	1565	1153	1123	1121	1036
February,	1261	1192	1026	1142	1094	1357
March,	1691	1221	1272	1369	1288	1410
Total 1st quarter,	4319	3978	3451	3634	3503	3803
April,	1678	1169	1197	1212	1255	1194
May,	1230	1025	1138	1109	1203	1079
June,	1121	1048	984	978	1099	953
Total 2d quarter,	4029	3242	3319	3299	3557	3226
July,	1583	1369	1225	1225	1611	1308
August,	1642	1382	1402	1237	1644	1352
September,	1270	1142	1351	1136	1188	1223
Total 3d quarter	4495	3893	3978	3598	4443	3883
October,	1208	1036	1109	1097	1097	1150

The death rate was 15.5 for the large towns, for the small towns 17.6, and for the whole State 15.9.

The deaths reported from infectious diseases were 223, being 18.5 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Bozrah, 89; Colchester, 53; Danbury (city), 38, (town), 5; Derby, 1; East Haddam, (some cases); Essex, 2; Franklin, 2; Haddam, 2; Killingly, 50; Lebanon, 8; Lyme, 6; Milford, 1; Norwich (town), 1; Old Saybrook, 2; Plainfield, 1; Redding, 1; Saybrook, 4 +; Waterbury (city), 2.—Total, 268 + in 18 towns.

Scarlet Fever—Beacon Falls, 1; Bethel, 2; Bridgeport, 25; Bristol, 1; Canaan, 2; Chester, 1; Danbury (city), 1; East Haddam, (some cases); East Haven, 5; East Windsor, 3; Essex, 1; Glastonbury, 4; Haddam, 3; Hartford, 5; Manchester, 2; Meriden (city), 15; Milford, 4; Montville, 1; Naugatuck, 5; New Britain (city), 9, (town), 1; New Haven, 9; New London, 2; Norwalk (town), 3; Norwich (city), 2; Old Lyme, 3; Plainfield, 1; Rockville (city), 3; Sherman, 3; Southington, 3; So. Norwalk (city), 2; Stamford (city), 1; Stonington (borough), 1; Vernon, 1; Waterbury (city), 13, (town), 1; Wethersfield, 3; Woodstock, 5.—Total, 147 + in 35 towns.

Cerebro-Spinal Fever—Naugatuck, 1; New Hartford, 1; Torrington, 1.—Total, 3 in three towns.

Diphtheria and Croup—Ansonia, 1; Bridgeport, 13; Brookfield, 14; Cromwell, 2; Danbury (city), 3; Darien, 1; East Hartford, 1; Enfield, 1; Glastonbury, 1; Greenwich, 6; Hartford, 34; Huntington, 1; Lisbon, 1; Meriden (city), 2; Middletown, 2; Naugatuck, 1; New Britain (city), 2; New Fairfield, 3; New Haven, 4; North Haven, 2; North Stonington, 1; Norwalk (city), 4, (town), 3; Norwich (city), 8, (town), 6; Orange, 1; Portland, 3; Rocky Hill, 2; Somers, 1; So. Norwalk (city), 2; Stamford (city), 1; Suffield, 5; Torrington, 1; Trumbull, 1; Union, 2; Waterbury (city), 8; Windsor, 3; Windsor Locks, 1; Winsted (borough), 1.—Total, 149 in 36 towns.

Whooping Cough—Bethel, 6; Cornwall, 3; Cromwell, 1; Danbury (city), 3; East Haddam, (several cases); Ellington, 1; Haddam (some cases); Jewett City (borough), 2; Seymour, 1; Simsbury, 7; Somers, 14; Suffield, 4; Wallingford, (epidemic); Waterbury (city), 4.—Total, 46 + in 14 towns.

Typhoid Fever—Ansonia, 8; Avon, 1; Bethel, 1; Bloomfield, 1; Bridgeport, 3; Bristol, 4; Cromwell, 1; Danbury (city), 3; Derby, 1; Durham, 1; Eastford, 1; East Haddam, 2; East Hartford, 6; Enfield, 5; Farmington, 3; Granby, 2; Greenwich, 5; Groton, 1; Hamden, 1; Hampton, 1; Hartford, 30; Harwinton, 1; Killingly, 2; Manchester, 10; Mansfield, 2; Meriden (city), 2, (town), 1; Middlebury, 1; Naugatuck, 5; New Canaan, 1; New Haven, 18; New Milford, 2; North Haven, 2; Norwalk (town), 4; Norwich (city), 4, (town), 4; Plainfield, 2; Plymouth, 1; Pomfret, 5; Portland, 1; Putnam, 1; Ridgefield, 1; Rocky Hill, 4; Roxbury, 1; Salisbury, 1; Scotland, 1; Shelton (borough), 1; Somers, 2; Southbury, 2; South Norwalk (city), 1; Stafford, 1; Stafford Springs (borough), 1; Stamford (city), 3; Stonington, 2; Suffield, 1; Torrington, 5; Wallingford, 5; Waterbury (city), 21, (town), 1; Watertown, 2; West Hartford, 1; Wethersfield, 1; Willimantic (city), 1; Wilton, 1; Windham, 1; Windsor, 1; Woodstock, 1.—Total, 213 in 62 towns.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Barkhamsted, Bethany, Berlin, Bolton, Bridgewater, Brooklyn, Burlington, Canterbury, Canton, Chaplin, Cheshire, Clinton, Colebrook, Columbia, Coventry, Danielson (borough), East Granby, Easton, Fairfield, Goshen, Griswold, Guilford, Hartland, Hebron, Kent, Killingworth, Litchfield, Madison, Marlborough, Middlefield, Monroe, Morris, Newington, Newtown, Norfolk, North Branford, North Canaan, Oxford, Plainville, Prospect, Salem, Sprague, Stamford (town), Sterling, Stratford, Thomaston, Thompson, Tolland, Voluntown, Warren, Westbrook, Weston, Westport, Willington, Winchester, Wolcott, Woodbridge, Woodbury.—Total, 60.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Bozrah, 2; Lebanon, 1.—Total, 3.

Scarlet Fever—Haddam, 1; Old Lyme, 1.—Total, 2.

Cerebro-Spinal Fever—New Hartford, 1..

Diphtheria and Croup—Berlin, 1; Bethel, 1; Brookfield, 1; Chatham, 1; North Stonington, 1; Plymouth, 1; Portland, 1; South Windsor, 1; Suffield, 1.—Total, 9.

Whooping Cough—Bloomfield, 1; Cromwell, 1; Plainfield, 1; Stafford, 1.—Total, 4.

Typhoid Fever—Bloomfield, 1; Fairfield, 1; Granby, 1; North Haven, 2; Pomfret, 1; Portland, 1; Ridgefield, 1; Washington, 1.—Total, 9.

All the Health Officers of Hartford, New Haven, Fairfield, Windham and Tolland Counties have reported.

But the Health Officers of the following towns have not reported:

New Haven Co.—Branford (Health Officer recently deceased).

New London Co.—East Lyme, Ledyard, Preston, Waterford.

Litchfield Co. — Bethlehem (no Health Officer), Sharon, Washington.

Middlesex Co.—Chatham.

NEEDED HELPS TO SANITARY ADMINISTRATION.

"Stop the beginnings." For many generations this proverb has been a guiding law in relation to diseases. In regard to epidemics it is of the highest importance.

In the administration of public hygiene there are two special means of promoting the observance of this law, which are almost everywhere neglected in Connecticut. Without the assistance which these means afford, the detection of "the beginnings" is in a large proportion of instances impossible.

One of these means is the establishment of a hygienic laboratory, suitably equipped with chemical and bacteriological apparatus and appliances, at which the prompt diagnosis of infectious diseases can be made with proper tests, free of charge.

The other, is the regular inspection of the public schools, for the detection of the primary cases of infectious maladies and their removal, before the infection is permitted to attack the other children in the schools. Children are especially susceptible to infectious diseases and schools are often the breeding places of epidemics.

One or both these practices are in use in several of the large cities in the United States and partially in a few cities in Connecticut. The two proceedings supplement each other, and wherever they are thoroughly carried out the results have been found surprisingly satisfactory.

These means of the early discovery and prevention of the spread of contagious diseases, by stopping the "beginnings" may be compared to the "Block System" in preventing railroad accidents.

The numerous enquiries made at this office to know if our State has provided (as several other States have) for the gratuitous examination and diagnosis of suspected infection, indicate that the public appreciate the importance of such work as a means of public safety, and that a public demand for it already exists.

It is now recognized by sanitarians generally that a State Board of Health is not well equipped for the welfare of the public without the aid afforded by a hygienic laboratory. Every advance in sanitary science emphasizes the need of it. It is indispensible to the work which a State Board of Health is expected to do and which the best interests of the State require it to do.

The extent to which the State Board of Connecticut is already provided is limited exclusively to the examination of water. Those examinations have been of great value to the State, and are the best evidence of the further value the State would derive from laboratory work in other directions.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, November 15, 1900.

METEOROLOGICAL REPORT FOR THE MONTH OF OCTOBER 1900.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.						PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.							
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.29	30.35	63	66	68	73	62	11	95	92	N E	14	N E	11	220	16	.0	Cloudy	Clear	Cloudy
2	30.45	30.44	60	64	64	74	54	20	84	82	N E	14	N E	12	278	18	.0	Clear	Cloudy	Clear
3	30.45	30.35	56	64	64	73	55	18	94	97	N E	12	S W	4	190	16	.0	Cloudy	Clear	Partly Cl'dy
4	30.28	30.16	65	68	67	74	60	14	95	95	W	3	S W	9	137	12	.0	Cloudy	Cloudy	Cloudy
5	30.10	30.03	66	71	72	79	64	15	95	86	W	9	S W	5	167	12	.0	Cloudy	Clear	Partly Cl'dy
6	30.14	30.22	65	62	64	67	61	6	100	92	N E	6	E	12	142	14	.0	Foggy	Cloudy	Cloudy
7	30.27	30.16	55	61	58	61	54	7	100	94	N E	9	N E	3	178	14	T	Cloudy	Cloudy	Cloudy
8	30.04	30.06	69	61	68	75	61	14	98	94	S	11	N	12	239	20	.42	Cloudy	Cloudy	Cloudy
9	30.16	30.15	53	50	54	58	49	9	97	97	N	16	N	14	325	20	.80	Light Rain	Light Rain	Cloudy
10	30.08	30.01	50	50	51	53	49	4	87	90	N E	15	N	5	270	20	.05	Cloudy	Cloudy	Cloudy
11	29.91	29.88	48	61	56	68	44	24	79	63	N W	9	N W	6	290	24	.0	Clear	Clear	Clear
12	29.99	30.02	55	61	59	72	46	26	73	84	N W	4	E	3	130	10	.0	Clear	Cloudy	Partly Cl'dy
13	30.11	30.08	56	63	58	64	52	12	88	64	N	12	W	7	225	22	.0	Cloudy	Cloudy	Cloudy
14	29.92	29.91	55	58	57	60	54	6	100	97	N E	15	N	9	318	24	.14	Light Rain	Cloudy	Cloudy
15	30.00	30.00	57	60	62	70	55	15	88	78	N	3	N W	4	178	14	.0	Cloudy	Clear	Clear
16	29.88	29.79	54	48	58	75	41	34	85	73	N W	1	N W	20	261	56	.03	Clear	Clear	Clear
17	30.23	30.19	37	43	44	52	35	17	74	70	N W	14	W	4	280	23	.0	Clear	Clear	Clear
18	30.07	29.90	39	56	50	64	36	28	83	72	S W	8	W	8	208	22	.0	Clear	Clear	Clear
19	30.09	30.21	43	40	42	51	33	18	70	60	N	9	N	10	226	22	T	Clear	Clear	Clear
20	30.36	30.32	31	45	41	53	29	24	72	71	N	7	S	6	168	12	.0	Clear	Clear	Clear
21	30.30	30.18	47	57	51	62	40	22	76	77	S W	12	S W	5	268	23	.0	Clear	Clear	Clear
22	30.24	30.24	52	02	60	71	49	22	81	95	W	2	S W	4	152	16	.0	Clear	Clear	Clear
23	30.33	30.29	60	64	64	73	55	18	100	85	S W	3	S	8	178	16	.0	Foggy	Cloudy	Clear
24	30.26	30 31	64	63	67	77	57	20	95	64	W	5	N	13	187	17	.17	Cloudy	Clear	Partly C'ldy
25	30.50	30.51	57	57	58	68	49	19	86	77	N	14	E	12	225	16	.0	Cloudy	Clear	Partly Cl'dy
26	30.46	30.27	47	58	54	60	47	13	96	91	N	13	S E	5	144	13	.0	Cloudy	Cloudy	Cloudy
27	30.15	30.16	59	58	58	61	56	5	97	94	S E	5	N E	6	126	11	.20	Light Rain	Cloudy	Cloudy
28	30.18	30.12	55	54	55	58	52	6	91	90	N	15	N	15	360	22	.22	Cloudy	Cloudy	Cloudy
29	30.10	30.02	53	58	59	66	52	14	87	93	N	14	S E	6	184	20	.0	Cloudy	Clear	Partly Cl'dy
30	30.05	30.30	49	50	54	59	48	11	97	85	N	3	N E	15	205	22	T	Cloudy	Misting	Cloudy
31	30.50	30.49	45	48	48	51	44	7	75	66	N E	20	N E	8	262	20	T	Cloudy	Cloudy	Cloudy
Month Ave's.	30.19	30.16	54	57	58	65	50	16	88	80	N	10	N	8	217	56	Total, 2.03			

SUMMARY.

BAROMETER.

Monthly Mean, 30.18 inches.

Highest, 30.50 in.; Date, 31st.

Lowest, 29.79 in.; Date, 16th.

Monthly range, .71 inches.

TEMPERATURE.

Monthly Mean, 58 degrees.
Highest, 79 degrees; Date, 5th.
Lowest, 29 degrees; Date, 20th.
Absolute range, 50 degrees.
Greatest daily range, 34 degrees; Date, 16th.
Least daily range, 4 deg.; Date, 10th.
Mean daily range, 16 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 531 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 9 miles.
Max. hourly velocity and direction, 44 N. W.; Date, 16th
Total monthly movement, 6,724 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 11.
*Greatest 24 hour precipitation, (in. and 100ths). .80; Date, 8th, 9th. Total monthly precipitation (in. and 100ths), 2.03.
Total depth of snowfall (inches and 10ths), 0 in. Dates of Thunder Storms, 0.
Accumulated deficiency of precipitation since Jan. 1st, 12.01 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---52 deg.	1887---51 deg.	1873---6.18	1887-- 3.24
1874---52 "	1888---48 "	1874---1.86	1888---6.46
1875---53 "	1889---49 "	1875---3.18	1889---3.96
1876---50 "	1890---51 "	1876---1.12	1890---7.63
1877---54 "	1891---51 "	1877--10.09	1891---4.62
1878---56 "	1892---52 "	1878---2.33	1892--- .94
1879---58 "	1893---54 "	1879--11.41	1893---4.75
1880---51 "	1894---53 "	1880---4.07	1894---6.11
1881---56 "	1895---49 "	1881---2.78	1895---3.32
1882---56 "	1896---50 "	1882---3.54	1896---2.91
1883---49 "	1897---53 "	1883---5.87	1897---1.25
1884---53 "	1898---54 "	1884---2.49	1898---7.22
1885---52 "	1899---54 "	1885---5.37	1899---1.78
1886---53 "	1900---58 "	1886---1.95	1900---2.03

COM. RAINFALL. (Inches and 100ths.)

Monthly mean humidity, 84 per cent. Monthly mean dew point, 51. Number of clear days, 11. Number of partly cloudy days, 6. Number of cloudy days, 14.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates recipitpation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XIV. NO. 11.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M D., NEW HAVEN, SEC'Y.
G. H. WILSON, M. D., MERIDEN.
R. S. GOODWIN, M D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. RODT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF NOVEMBER, 1900.

THE TUTTLE MOREHOUSE & TAYLOR CO., NEW HAVEN CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of November, 1900, and a Statement of the Births and Marriages for the Month of October, 1900.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Population.	Living Births in October	Still Births in Oct.	Marriages in Oct.	Total Deaths in Nov.	Representing Annual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	28	----	12	18	17.0	3	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	2	4	----	5	1	1	5
Branford,	5,706	15	1	6	4	8.4	2	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	----	2
Bridgeport,	70,996	159	7	75	86	14.5	24	27.9	----	----	----	2	----	3	----	----	----	----	----	----	2	6	9	6	13	3	2	40
Bristol,	9,643	22	----	11	13	16.1	4	30.7	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	1	2	----	7
Danbury,	19,474	37	----	11	26	16.0	8	30.7	----	1	----	----	1	3	----	1	----	----	----	----	----	3	1	1	1	2	----	12
Derby,	7,930	11	----	10	8	12.1	1	12.5	----	----	----	----	----	----	----	----	1	----	----	----	----	2	1	----	2	1	----	1
East Hartford,	6,406	14	----	6	7	13.1	3	42.8	----	----	----	----	----	1	----	----	1	----	----	1	----	----	----	----	2	1	----	1
Enfield,	6,699	7	----	9	12	21.4	5	41.6	----	----	----	----	----	----	----	----	----	----	1	----	----	1	2	----	3	2	----	3
Greenwich,	12,172	7	----	8	15	14.7	6	40 0	----	----	----	----	----	2	----	----	----	----	----	1	----	1	1	----	5	1	----	4
Groton,	5,962	3	----	1	5	10.0	1	20.0	----	----	----	----	----	----	----	----	1	1	----	----	----	----	----	----	----	----	----	2
Hartford,	79,850	160	6	71	99	13.5	19	19.1	----	1	----	4	5	1	----	----	2	----	----	1	----	11	10	3	----	5	6	50
Huntington,	5,572	13	----	4	2	4.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1
Killingly,	6,835	10	2	8	12	21.0	6	50.0	----	1	----	----	----	1	----	----	----	----	----	1	----	2	----	1	----	1	----	5
Manchester,	10,601	20	2	6	7	7.9	----	----	----	----	----	----	----	----	----	1	----	2	----	----	----	----	----	----	----	----	----	4
Meriden,	28,695	55	1	31	35	14.6	7	20.0	----	----	----	1	----	----	----	----	1	----	----	----	----	7	4	1	6	----	1	14
Middletown,	17,486	18	2	13	21	10 9	6	28.5	----	----	1	----	----	2	----	1	----	----	----	----	----	----	2	----	4	6	1	4
Naugatuck,	10,541	28	----	7	11	12.5	4	36.3	----	----	----	----	----	----	----	1	----	----	----	1	----	1	----	----	2	2	----	4
New Britain,	28,202	39	2	39	38	16.1	13	34.2	----	----	----	----	----	1	1	----	----	----	----	1	2	4	5	2	5	3	2	12
New Haven,	108,027	248	4	105	116	12.3	31	26.7	----	----	1	----	----	1	1	----	1	----	----	2	3	14	9	9	15	15	6	39
New London,	17,548	23	2	21	28	19.1	4	14.2	----	----	----	----	----	2	----	----	----	----	----	1	1	1	1	2	2	4	----	14
Norwalk,	19,932	33	1	17	29	17.4	7	24.1	----	----	----	----	----	----	----	----	----	1	----	----	----	3	3	1	8	2	1	10
Norwich,	24,637	37	1	26	48	22.1	9	18.7	----	----	1	----	----	2	----	----	2	----	----	1	2	3	3	3	8	5	1	17
Orange,	6,995	6	----	2	9	15.4	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	2	----	1	----	1	3
Putnam,	7,348	26	1	13	8	13.0	1	12.5	----	----	----	----	----	----	----	----	1	----	----	----	----	1	----	1	2	2	1	----
Southington,	5,890	2	----	4	4	8.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	3
Stamford,	18,839	50	3	17	20	12.6	3	15.0	----	----	----	----	----	----	----	----	----	----	----	----	----	3	3	1	3	1	1	8
Stonington,	8,540	15	----	6	6	8 4	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	2	----	----	----	2	----	1
Thompson,	6,442	9	1	3	6	11.1	4	66.6	----	----	----	----	----	----	----	----	----	----	----	2	----	----	1	----	----	1	1	1
Torrington,	12,453	33	----	16	10	9.6	5	50.0	----	----	----	----	1	----	----	----	----	----	----	----	----	2	1	----	2	----	1	3
Vernon,	8,483	18	----	11	6	8.4	3	50.0	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	----	----	3	1
Wallingford,	9,001	21	1	5	10	13.3	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	----	1	----	1	1	5
Waterbury,	51,139	127	4	47	63	14.7	20	31.7	----	----	1	----	----	2	----	----	2	----	----	2	1	5	4	1	4	5	5	31
Winchester,	7,763	7	----	3	13	20 2	2	15.4	----	----	----	----	----	----	----	----	1	----	----	1	----	----	----	----	1	1	2	7
Windham,	10,137	23	----	7	11	13.0	4	36.3	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1	1	8
Total of the 34 above towns,	668 616	1333	41	631	806	14.4	205	25.4	----	3	5	3	5	22	7	2	16	5	1	17	11	79	68	35	96	71	38	322
134 towns of less than 5,000 inhabitants,	239.739	384	13	180	291	14 5	46	15 8	----	3	1	----	----	6	1	5	7	1	1	8	1	28	10	8	30	42	7	132
Total reported from 168 towns,	908,355	1717	54	811	1097	14.4	251	22.9	----	6	6	3	5	28	8	7	23	6	2	25	12	107	78	43	126	113	45	454

The Mortality in Public Institutions of the State were: in Bridgeport, 10; in Hartford, 28; in Middletown, 7; and in New Haven, 17. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in November: Ashford, Barkhamsted, Beacon Falls, Bethlehem, Bolton, Bridgewater, Canterbury, Chester, Colebrook, Columbia, Cornwall, Cromwell, Eastford, Goshen, Hampton, Hartland, Harwinton, Killingworth, Marlborough, Middlebury, Old Lyme, Salem, Scotland, Somers, South Windsor, Union, Weston, Willington, Wolcott, Woodbridge—27.

REMARKS.

By Mortality Reports received, there were 1097 deaths during the month of November. This was 111 less than in October, and 117 more than in November of last year, and 81 more than the average number of deaths in November for the five years preceding.

	1900	1899	1898	1897	1896	1895
January,	1367	1565	1153	1123	1121	1036
February,	1261	1192	1026	1142	1094	1357
March,	1691	1221	1272	1369	1288	1410
Total 1st quarter,	4319	3978	3451	3634	3503	3803
April,	1678	1169	1197	1212	1255	1194
May,	1230	1025	1138	1109	1203	1079
June,	1121	1048	984	978	1099	953
Total 2d quarter,	4029	3242	3319	3299	3557	3226
July,	1583	1369	1225	1225	1611	1308
August,	1642	1382	1402	1237	1644	1352
September,	1270	1142	1351	1136	1188	1223
Total 3d quarter	4495	3893	3978	3598	4443	3883
October,	1208	1036	1109	1097	1097	1150
November,	1097	980	1024	1053	983	1041

The death rate was 14.4 for the large towns, for the small towns 14.5, and for the whole State 14.4.

The deaths reported from infectious diseases were 131, being 11.8 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Bethel, 1; Bozrah, 3; Chester, 1; Colchester, 8; Danbury (city), 92; Danbury (town), 5; East Haddam, 50; Essex, 4; Farmington, 2; Killingly, 40 (epidemic); Lebanon, 3; Naugatuck, 1; Newtown, 6+; Norwalk (city), 2; Plainfield, 3; Redding, 1; Ridgefield, 1; Saybrook, 66+; Seymour, 1; Thompson, 5; Waterbury (city), 3; Willimantic (city), 6.—Total, 304+ in 21 towns.

Scarlet Fever—Beacon Falls, 2; Bethel, 9; Bethlehem, 2; Bridgeport, 43; Canaan, 2; Chester, 2; Danbury (city), 3; Derby, 1; East Hartford, 2; East Windsor, 1; Glastonbury, 1; Greenwich, 1; Groton, 1; Hartford, 11; Jewett City (borough), 1; Manchester, 1; Meriden (city), 12; Meriden (town), 1; Middletown, 1; Milford, 10; Montville, 1; Naugatuck, 10; New Britain (city), 6; New Haven, 13; New London, 1; North Canaan, 1; Norwalk (city), 4; Norwich (city), 3; Orange, 1; Plainfield 2; Rockville (city), 8; Sherman, 3; South Norwalk (city), 1; Waterbury (city), 16; Willimantic (city), 1; Windham, 2; Windsor Locks, 1; Woodstock, 2.—Total, 183 in 37 towns.

Cerebro-Spinal Fever—Berlin, 1.

Diphtheria and Croup—Berlin, 1; Bethel, 2; Branford, 1; Bridgeport, 10; Bristol, 1; Brookfield, 3; Cromwell, 2; Danbury (city), 3; Darien, 1; East Hartford, 4; Enfield 1; Goshen, 1; Greenwich 2; Hamden, 2; Hartford, 53; Harwinton, 1; Ledyard, 2; Meriden (city), 1; Milford, 2; New Britain (city), 1; New Haven, 17; New London, 16; Newtown, 1; North Haven, 1; Norwalk (city), 2; Norwich (city), 7; Norwich (town), 1; Orange, 1; Plainfield, 1; Plymouth, 1; South Norwalk (city), 5; South Windsor, 1; Stafford Springs (borough); 1; Stamford (city), 1; Suffield, 3; Tolland, 1; Torrington, 1; Waterbury (city), 10; Waterbury (town), 1; West Hartford, 1; Windsor Locks, 1; Winsted (borough), 1.—Total, 169 in 41 towns.

Whooping Cough—Bristol, 2; Canton, 2; Darien, 27; East Haddam, 10; Seymour (several); Somers, 7; Southbury, 2; Suffield, 12 (epidemic); Wallingford (epidemic); Waterbury (city), 1.—Total, 63+ in 10 towns.

Typhoid Fever—Ansonia, 3; Avon, 1; Bolton, 1; Bozrah, 1; Bridgeport, 2; Bristol, 2; Canton, 1; Colchester, 2; Danbury (city), 5; Derby, 2; Durham, 1; East Haddam, 1; Enfield, 1; Granby, 1; Greenwich, 1; Groton, 2; Hamden, 1; Hartford, 10; Kent, 2; Killingly, 1; Lebanon, 1; Ledyard, 1; Manchester, 6; Meriden (city), 3; Middletown, 8; Monroe, 1; Naugatuck, 2; New Haven, 19; New Milford, 2; Newtown, 1; Norwalk, 1; Norwich (city), 2; Norwich (town), 1; Plymouth, 1; Preston, 1; Ridgefield, 1; Seymour, 1; Sharon, 1; Shelton (borough), 1; Southbury, 1; South Norwalk (city), 1; Stamford (city), 4; Stonington, 5; Suffield, 1; Wallingford, 4; Waterbury (city), 5; Waterbury (town), 1; Waterford, 1; Watertown, 1; Wethersfield, 1; Winsted (borough), 1.—Total, 121 in 50 towns.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any contagious diseases:

Andover, Ashford, Barkhamsted, Bethany, Bloomfield, Bridgewater, Brooklyn, Burlington, Canterbury, Chaplin, Chatham, Cheshire, Clinton, Colebrook, Columbia, Cornwall, Coventry, Danielson (borough), Eastford, East Granby, East Haven, East Lyme, Easton, Ellington, Fairfield Franklin, Griswold, Guilford, Haddam, Hampton, Hartland, Huntington, Killingworth, Lisbon, Litchfield, Lyme, Madison, Mansfield, Marlborough, Middlebury, Middlefield, Morris, New Britain, New Canaan, New Fairfield, New Hartford, Newington, Norfolk, North Branford, North Stonington, Old Lyme, Old Saybrook, Oxford, Plainville, Pomfret, Portland, Prospect, Putnam, Rocky Hill, Roxbury, Salem, Salisbury, Scotland, Simsbury, Southington, Sprague, Stafford, Stamford, Sterling, Stonington (borough), Stratford, Thomaston, Trumbull, Union, Vernon, Voluntown, Warren, Washington, Westbrook, Weston, Westport, Wilton, Wilton, Windsor, Wolcott, Woodbridge, Woodbury.—Total, 87.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Bozrah, 1; East Haddam, 1; Plainfield, 1.—Total, 3.

Scarlet Fever—Windsor Locks, 1.

Diphtheria and Croup—Brookfield, 1; Chatham, 1; East Lyme, 1 New Fairfield, 1; Waterford, 1; Windsor Locks, 1.—Total, 6.

Whooping Cough—Bethel, 1.

Typhoid Fever—Bloomfield, 1; Bozrah, 1; Lebanon, 1; Plainfield, 1; Seymour, 1; Stafford, 1; Windsor, 1.—Total, 7.

All the Health Officers of Hartford, New Haven, New London, Fairfield, Windham and Middlesex Counties have reported.

But the Health Officers of the following towns have not reported:

Litchfield Co.—Winchester.

Tolland Co.—Hebron.

SANITARY ADMINISTRATION.

The Annual Reports of the local Health Officers, which the law requires shall be made to the State Board of Health, have been received with very few exceptions.

It is very gratifying to observe the increased interest in their duties as manifested in their reports, and especially to note their greater efficiency and their frequent success in preventing and restricting the spread of contagious diseases.

Of course there is a difference in the success achieved by different health officers.

There are various causes for this difference. In a few instances it may be due to the neglect or the incapacity of the health officer. In others his most earnest and best directed efforts will fail because of circumstances which he cannot control. Without the active and willing coöperation of all the parties concerned in an outbreak of an infectious disease, the Health Officer, by his sole personal efforts, can do but little.

The disease being communicable, therefore communication with others must be limited to the utmost. Hence the isolation of the patient is indispensable and to be enforced by the aid of the civil authority if necessary.

The disease is infectious and can be transmitted by things infected by the patient, hence the absolute and complete disinfection of everything in the immediate presence of or contact with the patient.

Isolation of the patient and disinfection of his excretions and of the things they have infected are the chief means of preventing the spread of diseases which are transmissible. There are no substitutes for them known. Isolation and disinfection are the most essential factors in preventing the spread of communicable diseases, and when thoroughly practiced are eminently successful. But it is sell evident that the doctors, the nurses, and every one personally connected with the patient must give prompt, intelligent and willing assistance.

It is very gratifying to know from the annual reports of the local health officers that a revolution in public sentiment on this subject is rapidly going on, and that more generally than ever before the public are cheerfully and earnestly coöperating with the health officer instead of opposing his efforts as formerly. Much that is encouraging might be said also of the greater success of health officers, due to the experience acquired in a four years' instead or one year term of office, as in times past.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and

Superintendent of Vital Statistics.

New Haven, December 15, 1900.

METEOROLOGICAL REPORT FOR THE MONTH OF NOVEMBER 1900.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date	Barometer.† 8 A.M.	Barometer.† 8 P.M.	Temperature.‡ 8 A.M.	Temperature.‡ 8 P.M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	Relative Humidity.‖ 8 A.M.	Relative Humidity.‖ 8 P.M.	Wind. 8 A.M. Direction from	Wind. 8 A.M. Vel. in m. per h.	Wind. 8 P.M. Direction from	Wind. 8 P.M. Vel. in m. per h.	Wind. Daily Movement.	Wind. Max. velocity for a single Mile.	Precipitation.* Am't inc. melted snow Inches and 100ths.	Character of Weather. 8 A.M.	Character of Weather. 8 P.M.	Character of Day.
1	30.38	30.22	47	60	54	63	45	18	83	100	N	6	S	7	160	12	.06	Cloudy	Foggy	Cloudy
2	30.19	30.27	60	57	61	72	50	22	97	48	S W	5	N W	8	200	18	.0	Cloudy	Clear	Partly Cl'dy
3	30.19	30.19	46	48	46	50	43	7	82	76	N	5	N	6	210	16	.03	Sprinkling	Cloudy	Cloudy
4	29.99	29.91	44	48	48	55	42	13	88	84	N	12	N	6	208	15	.0	Cloudy	Cloudy	Partly Cl'dy
5	29.71	29.82	42	53	51	62	40	22	84	69	N	3	N	8	157	17	.0	Clear	Clear	Clear
6	29 87	30.08	42	46	46	55	36	19	65	68	W	7	W	6	184	18	.0	Clear	Clear	Clear
7	29.97	29.92	37	56	46	58	34	24	78	82	N	4	S E	15	301	26	.0	Clear	Clear	Clear
8	29.65	29.55	54	54	58	64	52	12	88	88	N	5	S	1	179	25	.17	Clear	Cloudy	Partly Cl'dy
9	29.02	29.54	44	38	44	53	36	17	85	71	W	24	W	14	487	46	.71	Cloudy	Partly Cl'dy	Cloudy
10	29.78	30.09	39	40	40	48	33	15	63	53	N W	22	W	7	461	40	.0	Clear	Clear	Clear
11	30.09	30.135	35	41	39	46	32	14	73	78	N W	1	N W	2	84	12	T	Partly Cl'dy	Cloudy	Cloudy
12	29.82	29.75	37	40	42	49	36	13	57	60	N W	8	W	7	190	20	.0	Partly Cl'dy	Clear	Clear
13	29.64	29.64	38	49	42	50	35	15	63	60	S W	12	S W	20	296	26	.0	Clear	Cloudy	Clear
14	29.71	30.08	36	35	40	50	31	19	73	47	N W	10	N W	4	300	28	.0	Clear	Clear	Clear
15	30.05	30.15	34	36	36	42	29	13	86	70	S W	10	W	22	277	27	T	Cloudy	Clear	Cloudy
16	30.35	30.62	27	29	30	36	23	13	64	50	W	4	N E	2	214	21	.0	Clear	Clear	Clear
17	30.53	30.43	26	44	34	46	21	25	63	81	N	3	S	15	174	17	T	Clear	Light Rain	Partly Cl'dy
18	30.16	30.13	48	51	50	55	46	9	69	84	S W	12	S W	7	291	22	.06	Cloudy	Clear	Partly Cl'dy
19	30.08	30.25	54	49	54	64	45	19	94	86	S	6	N E	7	169	16	.00	Cloudy	Cloudy	Partly Cl'dy
20	30.02	30.03	46	56	54	65	44	21	100	96	N	1	S	5	113	9	.22	Foggy	Misting	Cloudy
21	29.72	29.61	60	64	56	66	45	21	94	36	S W	12	S W	21	413	38	.10	Cloudy	Clear	Cloudy
22	29.95	30.01	44	48	48	54	42	12	63	76	W	10	S W	7	262	26	.0	Clear	Clear	Clear
23	29.74	30.19	53	42	49	60	38	22	91	65	S W	12	N	6	248	20	T	Cloudy	Clear	Partly Cl'dy
24	30.25	30 35	40	37	38	42	33	9	88	91	N	4	N E	12	202	17	.06	Light Rain	Misting	Cloudy
25	29.91	29.95	37	36	36	41	34	7	100	100	N	20	N E	24	448	30	.90	Light Rain	Light Rain	Cloudy
26	29.52	29.48	37	40	38	42	35	7	100	92	N E	15	N	16	487	38	1.66	Heavy Rain	Cloudy	Cloudy
27	29.42	29.84	38	36	38	43	33	10	96	73	N	12	N W	12	336	24	.03	Light Rain	Cloudy .	Cloudy
28	30.00	30.26	29	32	33	38	28	10	77	64	N	10	N	6	208	15	.0	Clear	Clear	Cloudy
29	30.10	30.01	28	40	36	44	27	17	88	100	N	8	N	8	161	14	.14	Partly Cl'dy	Cloudy	Cloudy
30	29.88	30.11	38	39	38	42	35	7	87	83	N W	9	N	7	254	20	T	Cloudy	Partly Cl'dy	
Month Ave's.	29.92	30.02	41	45	44	52	37	15	81	74	N	9	N	10	256	46	Total, 4.14			

SUMMARY.

Barometer.

Monthly Mean, 30.03 inches.
Highest, 30.65 in.; Date, 17th.
Lowest, 29.54 in.; Date, 27th.
Monthly range, 1.11 inches.

Temperature.

Monthly Mean, 44 degrees.
Highest, 72 degrees; Date, 2d.
Lowest, 21 degrees; Date, 17th.
Absolute range, 51 degrees.
Greatest daily range, 25 degrees; Date, 17th.
Least daily range, 7 deg.; Date, 26th.
Mean daily range, 15 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 620 degrees.

Wind.

Prevailing direction, N.
Mean hourly velocity, 11 miles.
Max. hourly velocity and direction, 44 W.; Date, 9th.
Total monthly movement, 7,684 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 17.
*Greatest 24 hour precipitation, (in. and 100ths). 1.77; Date, 25th, 26th. Total monthly precipitation (in. and 100ths), 4.14.
Total depth of snowfall (inches and 10ths). 2 in. Dates of Thunder Storms, 8th, 9th, 25th.
Accumulated deficiency of precipitation since Jan. 1st, 11.81 inches.

Compar. Temp. (Mon. Mean.)

1873---34 deg.	1887---40 deg.	1873---4.73	1887-- 2.85
1874---42 "	1888---43 "	1874---3.44	1888---4.73
1875---38 "	1889---44 "	1875---7.44	1889---7.78
1876---44 "	1890---42 "	1876---4.43	1890--- .67
1877---46 "	1891---41 "	1877-- 7.11	1891---2.21
1878---42 "	1892---40 "	1878---6.33	1892---5.46
1879---41 "	1893---41 "	1879-- 2.33	1893---2.56
1880---40 "	1894---44 "	1880---2.82	1894---4.23
1881---43 "	1895---44 "	1881---4.18	1895---4.84
1882 --39 "	1896---46 "	1882---1.31	1896---2.33
1883---42 "	1897---41 "	1883---1.56	1897---5.72
1884---41 "	1898---41 "	1884---2.24	1898---5.69
1885---42 "	1899---42 "	1885---3.49	1899---1.89
1886---43 "	1900---44 "	1886---3.83	1900---4.14

Com. Rainfall. (Inches and 100ths.)

Monthly mean humidity, 79 per cent. Monthly mean dew point, 36. Number of clear days, 9. Number of partly cloudy days, 7. Number of cloudy days, 14.

Notes.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIV. NO. 12.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
G. H. WILSON, M.D., MERIDEN.
R. S. GOODWIN, M.D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. O. NEWTON, ESQ., NEW HAVEN.

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF DECEMBER, 1900.

THE TUTTLE, MOREHOUSE & TAYLOR CO., NEW HAVEN, CONN.

Entered at the Post Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of December, 1900, and a Statement of the Births and Marriages for the Month of November, 1900.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in November	Still Births in Nov.	Marriages in Nov.	Total Deaths in Dec.	Representing An. nual Death Rate per 1,000.	Deaths under 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	32	2	21	18	17.0	5	27.7					2	1								3	3	1				8
Branford,	5,706	9		9	5	10.5	3	60.0															1		1			3
Bridgeport,	70,996	161	4	70	87	14.0	20	22.9			1	1	2				1					4	18	1	5	10	10	34
Bristol,	9,043	27		8	5	6.2	2	40.0														2	1					2
Danbury,	19,474	29		10	20	12.3	10	50.0		1			1	1	1		1				1	1	3	3	1	3		3
Derby,	7,930	16		11	6	9.0	1	16.6						1									1			1		3
East Hartford,	6,406	6		3	5	9.3																1			2			2
Enfield,	6,699	18	1	8	11	19.7	3	27.2									1		1			1	2		2	1		3
Greenwich,	12,172	12		6	15	14.7	4	26.6						1						1					2	3	1	7
Groton,	5,962	5	1	3	6	12.0													1					1		2	1	1
Hartford,	79,850	150	7	79	102	14.1	24	23.5						9			1				1	6	19	2	12	8	10	34
Huntington,	5,572	11		3	3	6.4	1	33.3															1			1		1
Killingly,	6,835	8	3	11	4	7.0	1	25.0															1			2		1
Manchester,	10,601	21	1	6	7	7.9	1	14.2												1		1		1	1			3
Meriden,	28,695	64		31	44	18.4	9	20.4				1		1	1		1					4	3	1	7	5	1	19
Middletown,	17,486	23		8	42	28.1	6	14.2							1		1					6	3		6	1	1	23
Naugatuck,	10,541	17		9	12	13.6	4	33.3								1				1		1	1		4	1		3
New Britain,	28,202	48	1	29	31	13.1	11	35.4			1		1									5	3	1	2	1	2	15
New Haven,	108,027	231	11	97	143	15.4	37	25.8				1		2	1		2	2		4	1	15	17	8	16	15	4	55
New London,	17,548	32	1	16	21	14.3	4	19.0						2								2	2		3	4		8
Norwalk,	19,932	36	1	14	36	21.6	8	22.2						1			1					6	2	2	2	3	3	16
Norwich,	24,637	43	1	28	30	14.6	6	20.0						2		1	1					2	3		3	5	3	10
Orange,	6,995	9		3	11	18.8																1	2		2	2	1	3
Putnam,	7,348	14		5	10	16.3	2	20.0							1		2					2		1	1		3	
Southington,	5,890	7		5	3	6.1																1					1	1
Stamford,	18,839	27	3	10	25	15.9	4	16.0						4						1		3	2		3	3		9
Stonington,	8,540	12	1	8	6	8.4																1	1	1	1	1		1
Thompson,	6,442	14		3	9	16.7	5	55.5												2		1	2	1				3
Torrington,	12,453	34	2	15	10	9.6	4	40.0														1			2	1	1	5
Vernon,	8,483	17	1	4	7	9.9																1	2			1	1	2
Wallingford,	9,001	13	1	5	10	13.3	2	20.0									1				1	1	2				1	4
Waterbury,	51,139	125	4	43	75	17.5	28	37.3			2		1	3			2	2				7	19	7	7	2	3	20
Winchester,	7,763	10		11	10	15.4	1	10.0						1								2	3		1	2		1
Windham,	10,137	18	1	6	17	20.1	4	23.5			1						1					2	1			1		11
Total of the 34 above towns,	668,616	1299	47	598	846	15.1	210	24.8		1	5	3	7	29	5	2	16	4	2	10	4	83	118	31	86	79	47	314
134 towns of less than 5,000 inhabitants,	239,739	341	15	150	283	14.1	48	16.9		2	2	2	2	4			4	1	1	5		29	30	12	35	34	11	109
Total reported from 168 towns,	908,355	1640	62	748	1129	14.9	258	22.8		3	7	5	9	33	5	2	20	5	3	15	4	112	148	43	121	113	58	423

The Mortality in Public Institutions of the State were: in Bridgeport, 15; in Hartford, 20; in Middletown, 16; and in New Haven, 21. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in December: Andover, Avon, Barkhamsted, Bethany, Bethlehem, Bolton, Bozrah, Bridgewater, Burlington, Chaplin, Cornwall, East Granby, Ellington, Franklin, Goshen, Hampton, Harwinton, Lisbon, Madison, Prospect, Rocky Hill, Roxbury, Scotland, Sherman, Sterling, Union, Voluntown, Warren, Willington, Wilton—30.

REMARKS.

By Mortality Reports received, there were 1129 deaths during the month of December. This was 32 more than in November, and 43 less than in December of last year, and 20 less than the average number of deaths in December for the five years preceding.

	1900	1899	1898	1897	1896	1895
January,	1367	1565	1153	1123	1121	1036
February,	1261	1192	1026	1142	1094	1357
March,	1691	1221	1272	1369	1288	1410
Total 1st quarter,	4319	3978	3451	3634	3503	3803
April,	1678	1169	1197	1212	1255	1194
May,	1230	1025	1138	1109	1203	1079
June,	1121	1048	984	978	1099	953
Total 2d quarter,	4029	3242	3319	3299	3557	3226
July,	1583	1369	1225	1225	1611	1308
August,	1642	1382	1402	1237	1644	1352
September,	*1283	1142	1351	1136	1188	1223
Total 3d quarter	4508	3893	3978	3598	4443	3883
October,	1208	1036	1109	1097	1097	1150
November,	1097	980	1024	1053	983	1041
December,	1129	1172	1227	1087	1142	1116
Total 4th quarter,	3434	3188	3360	3237	3222	3307
Total for 12 mos.	16290	14300	14108	13768	14725	14218

* Delayed certificates of death, subsequently received at the office, increased the total mortalty for September as published in previous "Bulletins."

The death rate was 15.1 for the large towns, for the small towns 14.1, and for the whole State 14.9.

The deaths reported from infectious diseases were 111, being 9.8 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Andover, 8; Bethel, 15; Branford, 1; Bridgeport, 1; Brooklyn, 5; Chaplin, 1; Chatham, 1; Chester, 7; Danbury (city), 29; Danielson (borough), 1; East Granby, 1; East Haddam, 10; East Hartford, 1; East Haven, 1; Fairfield, 2; Haddam, 1; Killingly, 15; Lyme, 2; Milford, 1; New Fairfield, 2+; Newtown, 19+; North Canaan, 1; Pomfret, 5; Putnam, 1; Redding, 7; Ridgefield, 5; Saybrook, 17; Windsor, 1; Windsor Locks, 1.—Total, 162 + in 29 towns.

Scarlet Fever—Ansonia, 1; Berlin, 8; Bethel, 12; Bridgeport 39; Bristol, 3; Canaan, 4; Chester, 1; Danbury (city), 2; Derby, 1; East Hartford, 3; Ellington, 1; Fairfield, 2; Glastonbury, 3; Haddam, 2; Hebron, 1; Killingly, 2; Ledyard, 1; Manchester, 2; Meriden (city), 4; Meriden (town), 2; Middletown, 2; Milford, 10; Montville, 1; Naugatuck, 12; New Britain (city), 23; New Britain (town), 4; New Hartford, 6; New Haven, 9; New London, 3; Norwalk (city), 2; Old Saybrook, 1; Plymouth, 1; Rockville (city), 3; Salisbury, 3; Somers, 1; South Windsor, 2; Stamford (city), 1; Sterling, 2; Thomaston, 1; Thompson, 4; Torrington, 2; Washington, 1; Waterbury (city), 10; Waterbury, (town) 2; Watertown, 2; Wethersfield, 1; Willimantic (city), 3; Windsor, 1; Woodstock, 7.—Total, 214 in 45 towns.

Cerebro-Spinal Fever—Salisbury, 1.

Diphtheria and Croup—Ansonia, 3; Bethel, 1; Branford, 3; Bridgeport, 9; Brookfield, 1; Danbury (city), 8; Danbury (town), 1; Derby, 3; East Hartford, 3; Ellington, 2; Greenwich, 3; Groton, 1; Hartford, 8; Killingly, 3; Ledyard, 2; Manchester, 1; Mansfield, 2; Meriden (city), 7; Milford, 5; New Britain (city), 5; New Haven, 16; New London, 3; New Milford, 2; Newtown, 3; North Haven, 1; Norwalk (city), 2; Norwalk (town), 1; Norwich (city), 4; Norwich (town), 3; Preston, 1; South Norwalk (city), 1; South Windsor, 3; Stafford, 1; Stamford (city), 4; Suffield, 6; Thomaston, 1; Torrington, 1; Vernon, 6; Waterbury (city), 6; Waterbury (town), 3; Waterford, 1; West Hartford, 1; Wethersfield, 3; Willimantic (city), 1; Windsor, 1; Windsor Locks, 3; Winsted (borough), 1.—Total 150 in 43 towns.

Whooping Cough—Canton, 1; Darien, 12; Griswold, 1; Huntington, 1; Jewett City (borough), 4; Lisbon, 2; Roxbury, 12+; Seymour (several cases); Somers, 4; Southbury, 25 (epidemic); Suffield, 8; Wallingford (epidemic); Waterbury (city), 1.—Total 71+ in 13 towns.

Typhoid Fever—Ansonia, 1; Bethel, 1; Bridgeport, 9; Brooklyn, 1; Danbury (city), 5; Greenwich, 3; Hamden, 1; Hartford, 1; Jewett City (borough), 1; Litchfield, 2; Manchester, 1; Mansfield, 2; Meriden (city), 2; Middletown, 2; Naugatuck, 1; New Haven, 16; New London, 5; Norwalk (city), 2; Norwalk (town), 2; Plymouth, 2; Portland, 1; Ridgefield, 1; Sharon, 1; South Windsor, 1; Stonington, 2; Stamford (city), 1; Wallingford, 1; Waterbury (city), 1; Waterbury (town), 1; Westport, 1; Wilton, 1; Windsor, 1; Winsted (borough), 1.—Total 74 in 31 towns.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any infectious diseases:

Ashford, Avon, Barkhamsted, Beacon Falls, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Burlington, Canterbury, Cheshire, Clinton, Colebrook, Columbia, Cornwall, Coventry, Cromwell, Durham, Eastford, East Lyme, Easton, East Windsor, Enfield, Essex, Farmington, Franklin, Goshen, Granby, Guilford, Hampton, Hartland, Harwinton, Kent, Killingworth, Lebanon, Madison, Marlborough, Middlebury, Middlefield, Monroe, Morris, New Canaan, Newington, Norfolk, North Branford, North Stonington, Old Lyme, Orange, Oxford, Plainville, Prospect, Rocky Hill, Salem, Scotland, Shelton (borough), Sherman, Simsbury, Southington, Sprague, Stafford Springs (borough), Stamford (town), Stonington (borough), Stratford, Tolland, Trumbull, Union, Voluntown, Warren, Westbrook, Weston, Willington, Winchester, Windham, Wolcott, Woodbridge, Woodbury.—Total, 78.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Chatham, 1; Saybrook, 1.—Total, 2.

Scarlet Fever—Bethel, 1; Glastonbury, 1.—Total, 2.

Cerebro-Spinal Fever—Canton, 1; Salisbury, 1.—Total, 2.

Diphtheria and Croup—Mansfield, 2; New Milford, 1; Windsor Locks, 1.—Total, 4.

Typhoid Fever—Brooklyn, 1; Canton, 1; Mansfield, 1; Sharon, 1.—Total, 4.

All the Health Officers of Hartford, New Haven, Fairfield, Litchfield, Middlesex and Tolland Counties have reported.

But the Health Officers of the following towns have not reported:

New London Co.—Colchester (town and borough).

Windham Co.—Plainfield.

BACTERIOLOGICAL WORK.

During the present session of the Legislature the State Board will ask for a moderate appropriation to enable it to offer gratuitous examinations of morbid specimens, from suspected cases of infectious diseases. The prominent theory of public hygiene is the *prevention* of sickness. The timely detection of the presence of a communicable disease affords the best opportunity of preventing its spread. The bedside symptoms are not always sufficient to establish a diagnosis promptly. In such cases the chemical or bacteriological laboratory is of the highest importance, to determine the action of health officers, in connection with diseases which are transmissible.

Such laboratory determinations are also of value to the individual, in deciding the diagnosis of a dangerous malady while it is still in a curable stage, and before it has advanced beyond the hope of recovery. Bacteriological investigation will often determine the nature of a disease before a positive diagnosis is possible from the clinical symptoms.

The value and importance of this means of investigation is quite apparent from a consideration of the number of dangerous diseases which can be determined in that way. The following are among the list: Diphtheria, Typhoid Fever, Tuberculosis, Bright's Disease, Diabetes, Malaria, besides many other conditions of deranged health the early determination of which is essential to the recovery of the patient.

In 1898 Vermont established a Hygienic Laboratory, appropriating $7,500 a year for running expenses. After two years of experience with it, so highly was its work appreciated, that the annual appropriation was increased to $10,000. Several other States are enjoying similar advantages, and still others are asking for them.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, January 15, 1901.

METEOROLOGICAL REPORT FOR THE MONTH OF DECEMBER 1900.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date	Barometer.† 8 A.M.	Barometer.† 8 P.M.	Temperature.‡ 8 A.M.	Temperature.‡ 8 P.M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	Relative Humidity.‖ 8 A.M.	Relative Humidity.‖ 8 P.M.	Wind. 8 A.M. Direction from	Wind. 8 A.M. Vel. in m. per h.	Wind. 8 P.M. Direction from	Wind. 8 P.M. Vel. in m. per h.	Wind. Daily Movement.	Wind. Max. velocity for a single Mile.	Precipitation.* Am't inc. melted snow Inches and rooths.	Character of Weather. 8 A.M.	Character of Weather. 8 P.M.	Character of Day.
1	30.13	30.07	35	42	40	47	34	13	82	77	N	2	S W	3	114	12	.0	Clear	Cloudy	Partly Cl'dy
2	30.21	30.29	33	40	40	48	31	17	80	64	N W	7	W	6	125	10	.0	Clear	Clear	Partly Cl'dy
3	30.31	30.21	31	45	39	48	30	18	84	93	W	1	S W	6	140	16	.0	Clear	Partly Cl'dy	Partly Cl'dy
4	30.02	29.11	42	46	43	49	37	12	96	95	N	5	N E	18	287	48	1.13	Misting	Heavy Rain	Cloudy
5	29.41	29.79	40	35	40	44	37	7	70	79	W	17	N W	14	362	34	.21	Clear	Cloudy	Cloudy
6	30 07	30.22	35	39	38	44	33	11	81	59	N W	4	W	8	189	22	.0	Cloudy	Cloudy	Partly Cl'dy
7	30.22	30.13	38	40	39	45	33	12	72	67	W	3	S W	2	127	13	.0	Cloudy	Partly Cl'dy	Cloudy
8	30.10	29.97	30	34	34	41	28	13	78	90	N	8	N E	2	174	18	.0	Clear	Clear	Clear
9	29.67	30.02	38	23	30	41	20	21	80	94	S W	18	N W	8	453	42	T	Cloudy	Clear	Partly Cl'dy
10	30.34	30.26	12	23	20	27	12	15	60	53	N	6	S W	5	224	21	.0	Clear	Clear	Clear
11	30.14	30.00	23	25	25	30	20	10	86	86	S W	6	W	6	196	17	.01	Cloudy	Clear	Cloudy
12	30.22	30.17	16	27	24	34	15	19	79	62	W	5	W	6	196	18	.0	Clear	Clear	Clear
13	29.89	29.76	37	44	38	45	30	15	74	63	S W	18	W	14	464	34	.0	Cloudy	Clear	Partly Cl'dy
14	30.10	30.33	18	13	20	30	11	19	65	69	N W	13	N	12	345	36	.0	Clear	Clear	Partly Cl'dy
15	30.48	30.46	9	20	16	26	7	19	73	77	N	11	N	8	261	17	.0	Clear	Clear	Clear
16	30.38	30.36	18	18	20	28	13	15	84	68	N	20	N	12	323	27	.05	Light Snow	Clear	Partly Cl'dy
17	30.44	30.30	8	22	20	32	7	25	67	58	N	10	N W	4	144	16	.0	Clear	Clear	Clear
18	30.28	30.16	12	34	24	38	10	28	73	66	N W	2	S W	4	111	11	.0	Clear	Clear	Partly Cl'dy
19	30.08	30.08	34	38	41	49	33	16	81	70	S W	6	W	6	178	20	.0	Clear	Clear	Partly Cl'dy
20	30.02	29.98	32	36	38	45	31	14	79	58	W	4	N W	8	169	17	.0	Partly Cl'dy	Clear	Partly Cl'dy
21	29.99	29.86	28	32	29	32	26	6	76	63	N E	11	N	18	297	22	.0	Partly Cl'dy	Cloudy	Cloudy
22	30.05	30.18	26	36	34	42	25	17	68	62	N	4	S W	6	144	14	.0	Clear	Clear	Clear
23	30.19	29.98	32	49	42	53	30	23	91	80	S W	3	S	8	157	24	.0	Cloudy	Cloudy	Cloudy
24	29.86	29 84	47	47	50	57	43	14	100	87	S	5	W	8	164	26	.10	Foggy	Clear	Partly Cl'dy
25	29.84	29.82	32	40	39	46	32	14	82	61	N W	6	S W	11	176	14	.0	Clear	Clear	Partly Cl'dy
26	29.90	30.04	33	30	30	36	25	11	75	57	S W	9	W	12	325	31	.0	Clear	Clear	Partly Cl'dy
27	30.25	30.25	21	30	28	36	20	16	71	69	N W	3	N W	2	111	17	.0	Clear	Clear	Clear
28	30.05	29.86	32	34	32	40	25	15	84	81	S W	2	S W	5	155	16	.14	Light Snow	Cloudy	Cloudy
29	30.04	30.02	22	32	28	35	21	14	72	61	N W	8	S W	11	210	15	.0	Clear	Clear	Clear
30	30.04	29.87	26	38	32	40	24	16	67	85	S W	6	W	4	172	20	T	Partly Cl'dy	Light Rain	Partly Cl'dy
31	29.71	29.89	35	41	37	42	32	10	100	95	N	9	S W	9	155	13	.50	Light Snow	Cloudy	Cloudy
Month Ave's.	30.08	30.04	28	34	33	40	25	15	78	72	N	8	S W	8	214	48	Total, 2.14			

SUMMARY.

Barometer.

Monthly Mean, 30.06 inches.

Highest, 30.48 in.; Date, 15th.

Lowest, 29.11 in.; Date, 4th.

Monthly range, 1.37 inches.

Temperature.

Monthly Mean, 33 degrees.
Highest, 57 degrees; Date, 24th.
Lowest, 7 degrees; Date, 17th.
Absolute range, 50 degrees.
Greatest daily range, 28 degrees; Date, 18th.
Least daily range, 6 deg.; Date, 21st.
Mean daily range, 15 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 634 degrees.

Wind.

Prevailing direction, S W
Mean hourly velocity, 9 miles.
Max. hourly velocity and direction, 42 N E; Date, 4th
Total monthly movement, 6,648 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 9.
*Greatest 24 hour precipitation, (in. and rooths). 1.34; Date, 4th, 5th. Total monthly precipitation (in. and rooths), 2.14.
Total depth of snowfall (inches and roths), 1 in. Dates of Thunder Storms, none.
Accumulated deficiency of precipitation since Jan. 1st, 13.08 inches.

Compar. Temp. (Mon. Mean.)

1873---33 deg.		1887---32 deg.	
1874---33	"	1888---33	"
1875---33	"	1889---39	"
1876---26	"	1890---27	"
1877---38	"	1891---39	"
1878---34	"	1892---28	"
1879---35	"	1893---31	"
1880---28	"	1894---32	"
1881---38	"	1895---35	"
1882 --30	"	1896---29	"
1883---30	"	1897---34	"
1884---32	"	1898---31	"
1885---33	"	1899---34	"
1886---28	"	1900---33	"

Com. Rainfall. (Inches and rooths.)

1873---4.41	1887-- 3.09
1874---2.85	1888---5.68
1875---1.39	1889---2.62
1876---2.38	1890---2.90
1877-- 1.40	1891---3 74
1878---5.50	1892---1.72
1879-- 4.41	1893---3.22
1880---3.49	1894---3.33
1881---4.75	1895---1.91
1882---2.99	1896---9.40
1883---3.85	1897---5.61
1884---6.41	1898---2.11
1885---3.31	1899---1.56
1886---3.47	1900---2.14

Monthly mean humidity, 75 per cent. Monthly mean dew point, 25. Number of clear days, 8. Number of partly cloudy days, 15. Number of cloudy days, 8.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water A rainfall recorded in column (T). indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100,

VOL. XV. NO. 1.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M D , NEW HAVEN, SEC'Y.
G. H. WILSON, M.D., MERIDEN
R. S. GOODWIN, M D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JANUARY, 1901.

THE TUTTLE, MOREHOUSE & TAYLOR CO., NEW HAVEN, CONN.

Entered at the Post Office, New Haven, Conn., as Second Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of January, 1901. and a Statement of the Births and Marriages for the Month of December, 1900.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in December	Still Births in Dec.	Marriages in Dec.	Total Deaths in Jan.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	15	----	5	17	16.0	6	1	41.1	----	----	----	----	1	----	----	----	----	----	----	1	----	1	5	2	1	1	----	5
Branford,	5,706	12	----	1	4	8.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	----	----	2
Bridgeport,	70,996	130	2	32	108	18.0	21	7	25.9	----	----	1	9	1	3	----	----	1	----	----	2	----	12	19	3	10	8	4	35
Bristol,	9,643	20	----	2	10	12.4	2	1	30.0	----	----	----	----	----	----	1	----	----	----	----	----	----	2	1	----	1	----	----	5
Danbury,	19,474	27	----	10	38	23.4	3	10	34.2	----	2	----	4	----	3	----	1	----	----	----	----	----	4	7	1	7	5	----	4
Derby,	7,930	13	----	4	6	9.0	3	----	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	2	----	----	----	1
East Hartford,	6,406	14	----	1	15	28.0	3	1	26.6	----	----	----	----	----	1	----	----	----	----	----	----	----	3	3	----	3	2	----	3
Enfield,	6,699	10	1	9	7	12.5	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	1	----	----	----	----	4
Greenwich,	12,172	10	1	2	15	14.7	3	1	26.6	----	----	----	1	----	1	----	----	----	----	----	1	----	----	4	1	1	1	----	5
Groton,	5,962	----	----	----	4	8.0	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	----	----	----	2	----	----
Hartford,	79,850	140	7	40	138	19.5	16	10	18.8	----	----	1	15	----	4	----	----	4	----	1	----	----	20	32	2	10	9	13	27
Huntington,	5,572	11	----	3	8	17.2	2	----	25.0	----	----	----	2	----	1	----	1	----	----	----	----	----	----	3	----	----	----	----	1
Killingly,	6,835	9	2	2	15	26.3	3	4	46.6	----	----	----	----	----	1	----	----	1	----	----	1	1	1	----	----	----	2	1	7
Manchester,	10,601	9	2	5	12	13.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	2	2	1	----	1	4
Meriden,	28,695	55	2	18	51	21.3	7	6	25.4	----	----	----	7	1	2	1	----	----	----	----	----	----	5	5	3	6	1	2	18
Middletown,	17,486	21	----	7	38	16.4	3	2	13.1	----	----	----	4	----	1	----	----	1	----	----	----	----	5	9	2	1	3	2	10
Naugatuck,	10,541	20	2	1	9	10.2	1	----	11.1	----	----	----	----	----	----	----	----	----	----	----	----	----	2	3	1	1	----	----	2
New Britain,	28,202	56	----	10	31	13.1	7	4	35.4	----	----	2	2	1	5	1	----	----	----	----	1	----	5	----	1	3	2	----	8
New Haven,	108,027	250	10	67	181	19.5	26	11	20.4	----	----	----	23	2	4	1	3	3	----	----	----	----	20	20	6	19	18	6	56
New London,	17,548	40	3	8	26	17.7	1	2	11.5	----	----	----	5	----	1	----	----	----	----	----	----	----	3	2	1	4	----	3	7
Norwalk,	19,932	24	1	2	31	18.6	4	----	12.9	----	----	----	4	----	1	----	----	----	----	----	----	----	3	----	3	5	2	2	11
Norwich,	24,637	44	4	10	53	25.8	14	2	30.1	----	----	----	3	----	1	----	1	----	----	----	----	----	1	11	2	6	6	----	22
Orange,	6,995	9	1	3	8	13.7	1	----	12.5	----	----	----	3	----	----	----	----	----	1	----	----	----	----	----	----	----	2	----	2
Putnam,	7,348	10	1	5	6	9.7	1	----	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	----	----	----	3
Southington,	5,890	10	----	5	8	15.2	1	----	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	4	----	2
Stamford,	18,839	30	1	6	34	21.6	2	----	5.8	----	----	----	4	----	----	----	----	----	----	----	1	----	4	6	1	2	5	3	8
Stonington,	8,540	13	----	6	8	11.2	1	----	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	----	1	----	4
Thompson,	6,442	15	----	1	4	7.4	----	1	25.0	----	----	----	1	----	----	----	----	----	----	----	----	----	1	----	1	1	----	----	----
Torrington,	12,453	24	1	2	13	12.5	6	1	53.9	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	2	----	1	7
Vernon,	8,483	11	1	8	6	8.4	3	1	66.6	----	----	----	1	1	1	----	----	----	----	----	----	----	----	----	----	----	----	----	3
Wallingford,	9,001	12	----	5	12	15.9	----	----	----	----	----	----	2	----	1	----	----	----	----	----	----	----	----	----	3	----	----	1	4
Waterbury,	51,139	124	4	17	82	19.2	19	7	31.7	----	----	1	4	----	1	----	----	1	----	1	3	----	10	19	7	6	2	4	23
Winchester,	7,763	3	1	4	18	27.8	3	3	33.3	----	----	----	----	----	1	----	----	----	----	----	----	----	6	----	----	6	----	----	5
Windham,	10,137	14	2	4	17	20.1	5	1	35.2	----	----	----	4	1	----	----	----	----	----	----	----	----	1	3	2	----	----	1	5
Total of the 34 above towns,	668,616	1205	49	305	1033	18.5	167	76	23.5	----	2	5	100	8	33	4	6	11	1	2	10	1	117	164	48	96	78	44	303
132 towns of less than 5,000 inhabitants,	238,034	333	17	114	406	20.4	35	21	13.7	----	1	4	32	----	8	1	----	3	1	1	----	1	36	65	25	47	41	18	122
Total reported from 166 towns,	906,650	1538	66	419	1439	19.0	202	97	20.7	----	3	9	132	8	41	5	6	14	2	3	10	2	153	229	73	143	119	62	425
Population of towns not reporting,	1,705																												

The Mortality in Public Institutions of the State were: in Bridgeport, 9; in Hartford, 26; in Middletown, 14; and in New Haven, 22. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in January: Andover, Beacon Falls, Bozrah, Canterbury, Canton, Chaplin, Columbia, Durham, East Granby, Easton, Killingworth, Middlebury, Middlefield, Salem, Sterling, Trumbull—16.

The Registrars of the following towns have made no report for January: Canaan, Willington.

REMARKS.

By Mortality Reports received, there were 1439 deaths during the month of January. This was 310 more than in December, and 72 more than in January of last year, and 173 more than the average number of deaths in January for the five years preceding.

	1901	1900	1899	1898	1897	1896
January,	1439	1367	1565	1153	1123	1121

The death rate was 18.5 for the large towns, for the small towns 20.4, and for the whole State 19.0.

The deaths reported from infectious diseases were 235, being 16.3 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Small Pox—Bridgeport, 6; Derby, 1; Torrington, 3.—Total, 10 in 3 towns.

Measles—Andover, 8; Bethel, 18; Bridgeport, 2; Bristol, 1; Brooklyn, 2; Chaplin, 1; Chester, 8; Danbury (city), 14; East Hartford, 1; Essex, 2; Farmington, 2; Guilford, 4; Haddam, 3; Hebron, 14; Jewett City (borough), 2; Killingly, 3; Lebanon, 2; Lyme, 15; Manchester, 2; Mansfield, 2; Middletown, 2; New Fairfield, 8; New Haven, 1; Newtown, 30+; Norwich (city), 3; Old Saybrook, 7; Pomfret, 4; Redding, 15+; Saybrook, 8; Sherman, 8; Stratford, 7; Waterbury (city), 3; Westbrook, 1; Weston, 1; Wilton, 1.—Total, 205+ in 35 towns.

Scarlet Fever—Avon, 1; Berlin, 10; Bethel, 2; Bridgeport, 38; Bristol, 1; Danbury (city), 6; Danielson (borough), 2; East Hartford, 1; East Lyme, 1; East Windsor, 1; Essex, 1; Farmington, 1; Franklin, 1; Hamden, 1; Killingly, 3; Litchfield, 3; Manchester, 2; Meriden (city), 3; Middletown, 5; Milford, 4; Montville, 1; Naugatuck, 8; New Britain (city), 12; New Britain (town), 4; New Hartford, 5; New Haven, 13; Newington, 3; New Milford, 2; Norwalk (city), 2; Norwalk (town), 1; Norwich (city), 1; Plymouth, 5; Pomfret, 8; Redding, 3; Rockville (city), 3; Salisbury, 6; Southington, 5; South Norwalk (city), 2; Sterling, 3; Stonington (borough), 2; Stratford, 5; Thomaston, 3; Torrington, 1; Vernon, 4; Waterbury (city), 13; Waterbury (town), 6; Watertown, 1; Wethersfield, 1; Willimantic (city), 2; Wilton, 1; Windsor, 2; Winsted (borough), 2; Wolcott, 1.—Total, 218 in 47 towns.

Diphtheria and Croup—Berlin, 1; Bethel, 4; Bridgeport, 11; Chatham, 1; Danbury (city), 5; Derby, 1; East Hartford, 2; East Lyme, 1; Enfield, 1; Essex, 1; Franklin, 2; Greenwich, 1; Huntington, 1; Madison, 1; Meriden (city), 2; Middletown, 6; Naugatuck, 1; New Britain (city), 4; New Haven, 22; Newington, 4; New London, 4; Newtown, 5; Norwalk (city), 2; Norwalk (town), 1; Norwich (city) 4; Norwich (town), 1; Plainville, 3; Redding, 1; Ridgefield, 1; Somers, 1; South Norwalk (city). 1; South Windsor, 4; Suffield, 4; Wallingford, 1; Waterbury (city), 10; West Hartford, 1; Wethersfield, 2; Windsor, 1; Windsor Locks, 2; Winsted (borough), 1.—Total, 122 in 37 towns.

Whooping Cough—Canton, 1; Colchester (few cases); Darien, 10; Jewett City (borough), 4; New Canaan, 9; New London, 1; Plymouth, 3; Roxbury, 11+; South Windsor, 6; Suffield, 5; Waterbury (city), 4.—Total, 54+ in 11 towns.

Typhoid Fever—Branford, 1; Darien, 1; East Haddam, 1; East Hartford, 3; Enfield, 1; Groton, 4; Hamden, 1; Middletown, 3; New Hartford, 3; New Haven, 7; North Stonington, 1; Norwalk, 2; Pomfret, 1; Ridgefield, 1; Seymour, 1; Waterbury (city) 4, Wilton, 1.—Total 36 in 17 towns.

In addition to the above, the following is a list of Towns whose Health Officers report that they have not been notified of any infectious diseases:

Ansonia, Ashford, Barkhamsted, Beacon Falls, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Burlington, Canaan, Canterbury, Cheshire, Clinton, Columbia, Cornwall, Coventry, Cromwell, Danbury Durham, Eastford, East Granby, East Haven, Easton, Ellington, Fairfield, Glastonbury, Goshen, Granby, Griswold, Hampton, Hartland, Harwinton, Kent, Killingworth, Ledyard, Lisbon, Marlborough, Meriden, Middlebury, Middlefield, Monroe, Morris, Norfolk, North Branford, North Canaan, North Haven, Old Lyme, Orange, Oxford, Portland, Preston, Prospect, Rocky Hill, Salem, Scotland, Sharon, Shelton (borough), Simsbury, Southbury, Sprague, Stafford, Stafford Springs (borough), Stamford (city), Stamford (town), Stonington, Thompson, Tolland, Trumbull, Union, Voluntown, Warren, Washington,, Waterford, Westport, Willington, Winchester, Woodbridge, Woodbury, Woodstock.—Total, 80.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—East Haddam, 1.

Scarlet Fever—Berlin, 1; Milford, 3.—Total, 4.

La Grippe—Ashford, 1; Barkhamsted, 1; Bloomfield, 1; Darien, 2; East Haddam, 4; Ellington, 1; Essex, 3; Fairfield, 2; Franklin, 1; Granby, 2; Griswold, 1; Hampton, 1; Hebron, 1; New Canaan, 1; New Hartford, 2; North Canaan, 1; Oxford, 1; Plainfield, 1; Preston, 1; Salisbury, 2; West Hartford, 1; Windsor, 1.—Total, 32.

Diphtheria and Croup—Berlin, 1; Bethel, 2; Franklin, 1; Milford, 1; Montville, 1; Newtown, 1; South Windsor, 1.—Total, 8.

Whooping Cough—Griswold, 1.

Typhoid Fever—New Canaan, 2; North Stonington, 1.—Total, 3.

All the Health Officers of New Haven, New London, Fairfield, Middlesex and Tolland Counties have reported.

But the Health Officers of the following towns have not reported:

Hartford Co.—Hartford.

Windham Co.—Plainfield, Putnam, Windham.

Litchfield Co.—Colebrook.

SMALL POX.

The recent outbreak of small pox in New York City naturally excited an apprehension that it would invade Connecticut. It has moderately, but far less than was feared.

There have been six cases in Bridgeport, one in Derby and three in Torrington; none fatal as yet. The remarkable exemption from this dread pestilence, which Connecticut has enjoyed, while it has been prevailing to the number of thousands of cases in other states, can only be attributed to the general practice of vaccination in Connecticut.

Vaccination has been on trial now for more than a hundred years, and has been tested in every civilized country in the world, and everywhere proved itself a sure and safe means of protection, when properly performed.

It is true there are a few mentally distorted persons who deny its protective power. They represent a class of objectors in the human family that always exists. They are like the famous colored preacher of Virginia who claimed that the earth was the center of the solar system, and with illogical obstinacy insisted "dat de sun do move round it."

A HOSPITAL FOR CONSUMPTIVES.

The present General Assembly of Connecticut has under consideration a Bill for the establishment of a Hospital for the care and treatment of Consumption in its early and curable stages.

There are three prominently conspicuous and positive advantages which will result from such an undertaking.

(1st.) A large proportion of the patients treated in such a Hospital will be cured of the disease, and restored to health.

This is the least of the three advantages, because the number so cured will be but a small part of the whole number of consumptives in Connecticut.

(2d.) Every patient in the Hospital will for the time being be removed from the danger of infecting others with whom he is associated. In this way several others beside himself are benefited; hence it is more beneficial than the advantage first mentioned. That cured but one. This protects many from infection.

(3d.) The Hospital becomes an effective State educational institution, sending forth several times a year groups of teachers, restored to health, well trained and disciplined in the means and methods of protecting themselves and others from this dangerous and deadly disease.

This is the most valuable of the three great benefits which will result from a consumptive Hospital, conducted upon modern scientific principles; because such teachers are not the mere promulgators of a theory, but they carry in their own persons the illustrations of the truth of the doctrines they advocate. They return also to, and mingle freely with, those most in need of their instruction. By the experience which they have had, they are ordained to teach with authority the means of salvation from consumption, and so exert a wider, more direct and positive influence than any other class of teachers. Thus as a means of prevention the Hospital will accomplish the greatest good.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, February 15, 1901.

METEOROLOGICAL REPORT FOR THE MONTH OF JANUARY 1901.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date	Barometer.† 8 A. M.	Barometer.† 8 P. M.	Temperature.‡ 8 A. M.	Temperature.‡ 8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	Relative Humidity.‖ 8 A. M.	Relative Humidity.‖ 8 P. M.	Wind. 8 A. M. Direction from	Wind. 8 A. M. Vel. in m. per h.	Wind. 8 P. M. Direction from	Wind. 8 P. M. Vel. in m. per h.	Wind. Daily Movement.	Wind. Max. velocity for a single Mile.	Precipitation.* Am't inc. melted snow Inches and 100ths.	Character of Weather. 8 A. M.	Character of Weather. 8 P. M.	Character of Day.
1	30.15	30.43	37	26	31	39	23	16	83	66	W	10	N	7	225	19	.0	Partly Cl'dy	Clear	Partly Cl'dy
2	30.49	30.42	19	27	26	34	18	16	72	47	N	1	W	9	145	16	.0	Clear	Partly Cl'dy	Clear
3	30.69	30.67	10	18	16	24	9	15	60	55	N	10	N E	4	233	25	.0	Clear	Clear	Clear
4	30.46	30.10	15	32	24	34	13	21	64	55	S W	10	S W	14	242	17	.0	Clear	Cloudy	Clear
5	30.27	30.39	23	22	24	31	17	14	59	51	N W	22	N W	6	230	26	.0	Clear	Clear	Clear
6	30 38	30.22	14	30	24	36	13	23	77	64	W	5	S W	7	147	10	.0	Clear	Partly Cl'dy	Clear
7	30.06	30.04	28	36	34	39	28	11	82	73	S W	2	N W	9	150	15	T	Partly Cl'dy	Clear	Cloudy
8	30.29	30.24	26	35	32	37	26	11	63	80	N	9	S	8	192	18	.0	Clear	Clear	Clear
9	30.07	30.28	38	37	42	49	36	13	83	67	S W	11	N	8	211	15	.04	Cloudy	Clear	Partly Cl'dy
10	30.34	30.04	32	30	32	36	29	7	78	100	N E	12	N	18	307	21	.12	Cloudy	Light Rain	Cloudy
11	30.05	29.88	26	32	29	33	25	8	75	100	N	15	N	11	275	15	.30	Cloudy	Light Rain	Cloudy
12	29.59	29.74	32	34	34	39	29	10	90	61	N	6	W	16	232	30	.44	Light Snow	Partly Cl'dy	Partly Cl'dy
13	30.00	30.06	27	25	27	32	22	10	71	74	N W	12	N	6	231	20	.0	Clear	Clear	Clear
14	30.08	29.90	19	34	27	36	18	18	72	69	N	3	S	8	125	12	.0	Clear	Cloudy	Partly Cl'dy
15	29.78	29.88	34	34	34	36	32	4	95	95	E	6	N	4	148	11	.03	Cloudy	Cloudy	Cloudy
16	29.82	29.58	34	45	40	49	32	17	100	83	E	4	S W	12	217	22	.0	Foggy	Clear	Clear
17	29.68	29.56	39	34	36	43	28	15	86	95	S W	5	N	4	136	16	.01	Partly Cl'dy	Light Snow	Cloudy
18	29.51	29.90	26	12	19	28	10	18	64	55	N W	15	W	18	323	27	.03	Partly Cl'dy	Clear	Partly Cl'dy
19	29.98	30.54	15	3	8	17	0	17	78	48	W	6	N W	18	296	34	.08	Light Snow	Clear	Partly Cl'dy
20	30.72	30.33	1	26	14	28	—1	29	68	65	W	9	W	20	280	27	.0	Clear	Clear	Partly Cl'dy
21	30.13	29.97	32	39	34	41	28	13	79	67	W	12	S W	8	281	18	T	Cloudy	Light Rain	Cloudy
22	30.16	30.40	38	28	32	40	23	17	79	50	N	12	N	10	229	19	.01	Clear	Clear	Clear
23	30.40	30.13	17	32	26	36	16	20	70	74	N	15	N E	15	307	20	T	Clear	Cloudy	Clear
24	29.83	29 52	30	34	34	38	29	9	78	82	N	15	W	8	242	20	T	Cloudy	Cloudy	Cloudy
25	29.43	29.59	32	36	36	42	30	12	79	58	N	13	N	16	396	35	.0	Cloudy	Cloudy	Cloudy
26	29.78	29.66	27	25	30	35	26	9	77	54	N	15	N W	13	421	37	.0	Clear	Clear	Clear
27	29.36	29.12	19	30	26	33	18	15	72	49	N W	6	W	8	227	22	.0	Partly Cl'dy	Cloudy	Partly Cl'dy
28	29.08	29.22	23	28	28	34	22	12	73	60	W	4	N	5	242	24	.0	Partly Cl'dy	Cloudy	Partly Cl'dy
29	29.60	29.86	20	25	24	31	18	13	62	49	N W	4	W	12	258	24	T	Clear	Partly Cl'dy	Clear
30	30.01	29.82	18	26	24	30	17	13	74	94	N W	1	N E	12	150	20	.16	Partly Cl'dy	Light Snow	Cloudy
31	29.66	29.70	24	26	25	32	18	14	94	75	N W	9	N W	12	277	24	.16	Heavy Snow	Cloudy	Cloudy
Month Ave's.	29.99	29.97	25	29	28	35	21	14	76	68	N	9	N	10	234	37	Total, 1.38			

SUMMARY.

Barometer.

Monthly Mean, 29.98 inches.

Highest, 30.72 in.; Date, 20th.

Lowest, 29.08 in.; Date, 28th.

Monthly range, 1.65 inches.

Temperature.

Monthly Mean, 28 degrees.
Highest, 49 degrees; Date, 16th.
Lowest,—1 degree; Date, 20th.
Absolute range, 50 degrees.
Greatest daily range, 29 degrees; Date, 20th.
Least daily range, 4 deg.; Date, 15th.
Mean daily range, 14 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 21 degrees.

Wind.

Prevailing direction, N.
Mean hourly velocity, 10 miles.
Max. hourly velocity and direction, 33 N W; Date, 19th.
Total monthly movement, 7,372 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 16.
*Greatest 24 hour precipitation, (in. and 100ths). .69; Date, 11th, 12th. Total monthly precipitation (in. and 100ths), 1.38 in.
Total depth of snowfall (inches and 10ths), 6 in. Dates of Thunder Storms, none.
Accumulated deficiency of precipitation since Jan. 1st, 2.93 inches.

Compar. Temp. (Mon. Mean.)

1873---24 deg.	1887---25 deg.	1873---7.42	1887-- 4.24
1874---32 "	1888---21 "	1874---4.27	1888---5.48
1875---23 "	1889---34 "	1875---2.72	1889---4.47
1876---35 "	1890---35 "	1876---1.54	1890---3.07
1877---27 "	1891---31 "	1877-- 1.60	1891---6.77
1878---31 "	1892---27 "	1878---6.80	1892---5.39
1879---26 "	1893---20 "	1879-- 2.69	1893---3.47
1880---37 "	1894---30 "	1880---3.75	1894---2.74
1881---21 "	1895---27 "	1881- -4.79	1895---5.13
1882 --27 "	1896---25 "	1882---5.91	1896---1.82
1883---24 "	1897---28 "	1883---5.60	1897---3.85
1884---24 "	1898---30 "	1884---4.63	1898---4.96
1885---27 "	1899---28 "	1885---4.05	1899---4.33
1886---25 "	1900---30 "	1886---3.53	1900---3.60

Com. Rainfall. (Inches and 100ths.)

Monthly mean humidity, 72 per cent. Monthly mean dew point, 20. Number of clear days, 11. Number of partly cloudy days, 10. Number of cloudy days, 10.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water A rainfall recorded in column (T). indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XV. NO. 2.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M D , NEW HAVEN, SEC'Y.
G. H. WILSON, M.D., MERIDEN
R. S. GOODWIN, M D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF FEBRUARY. 1901.

THE TUTTLE, MOREHOUSE & TAYLOR CO., NEW HAVEN, CONN.

Entered at the Post Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of February, 1901, and a Statement of the Births and Marriages for the Month of January, 1901.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in January	Still Births in Jan.	Marriages in Jan.	Total Deaths in Feb.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	25	1	9	15	14.1	3	2	33.3				2	1									3	2		3	1		3
Branford,	5,706	17			4	8.4																				2	1		1
Bridgeport,	70,996	164	9	62	112	18.4	21	13	30.3			4	10			1							13	23	7	12	3	3	36
Bristol,	9,643	16	1	2	13	16.1	4	1	38.4				4										3	2					4
Danbury,	19,474	27	4	9	23	14.1	4	1	21.7				6										7	2		2		2	4
Derby,	7,930	20		8	18	27.2	3	1	22.2				1		1								2	1		3	1	2	7
East Hartford,	6,406	12	2	2	7	13.1	1		14.2						1								1	2			2		1
Enfield,	6,699	10	2	7	12	21.4	1		8.3				4											2			3	1	2
Greenwich,	12,172	18		5	17	16.7	2		11.7						1								2	2	1	4		1	6
Groton,	5,962	5	3	2	9	18.1	1		11.1				1										1	3		1			3
Hartford,	79,850	150	4	45	113	16.0	20	7	23.8				13		6			2	1		1		10	15	1	16	8	6	34
Huntington,	5,572	10			7	15.0	2		28.5				1											1		1			4
Killingly,	6,835	8	1	5	13	22.8	2		15.3				2									1		2		2	1		5
Manchester,	10,601	18	1	3	9	10.1	1		11.1				2													1	1	1	4
Meriden,	28,695	50		12	33	13.8	8	3	33.3				3										3	3	3	6	1		14
Middletown,	17,486	36	1	11	33	13.0	4	1	15.1										1				2	3	1	3	11		12
Naugatuck,	10,541	19		3	12	13.6	3	1	33.3				1											4	1	2		1	3
New Britain,	28,202	63	3	26	42	17.8	16	4	47.6			2	4			2		1					1	7	2	5	3	1	14
New Haven,	108,027	217	9	63	178	18.9	29	8	20.7				14		1			1			4	2	13	23	11	22	20	14	53
New London,	17,548	9	2	11	45	30.7	4	2	12.4				4		1								4	9	2	3	5	3	14
Norwalk,	19,932	28	5	12	18	10.8	1	1	11.1				2	1				1					3	1	1	1	3	2	3
Norwich,	24,637	37	2	25	47	22.8	8	1	19.1				5		1								3	11	2	4	4		17
Orange,	6,995	10		4	9	15.4	2		22.2														2	2		1	1	2	1
Putnam,	7,348	9		3	20	32.6	2	1	15.0		3		2										1	6	1	1	3		3
Southington,	5,890	11		2	3	6.1							1											1		1			
Stamford,	18,839	23	3	8	27	17.1	5	1	22.2				4				1						3	6		5	2	1	5
Stonington,	8,540	6	1	3	8	11.2							2										1	2	1				2
Thompson,	6,442	15		7	8	14.9	1	1	25.0				2								1			1	1		1		2
Torrington,	12,453	24	1	9	14	13.4	3	2	35.7				1										1	4		4	1		3
Vernon,	8,483	17		11	13	18.3	1		7.6				2													2	2	2	5
Wallingford,	9,001	23		10	8	10.6	1		12.5				1										2	2				1	2
Waterbury,	51,139	121	5	28	85	19.9	17	9	30.5			5	10		2		1						8	20	3	8	1	1	26
Winchester,	7,763	4	1	5	11	17.0							1											4		1	4	1	
Windham,	10,137	10		3	8	9.4		1	12.5			1	1										3				1		2
Total of the 34 above towns,	668,616	1232	71	415	994	17.8	170	61	23.2		3	12	106	2	14	3	2	6	1		6	3	92	166	38	116	84	45	295
133 towns of less than 5,000 inhabitants,	239,084	313	10	93	387	19.3	46	12	15.0		3		84		1			3					24	56	18	43	35	10	110
Total reported from 167 towns,	907,700	1545	81	508	1381	18.2	216	73	20.9		6	12	190	2	15	3	2	9	1		6	3	116	222	56	159	119	55	405
Population of town not reporting,	655																												

The Mortality in Public Institutions of the State were: in Bridgeport, 7; in Hartford, 17; in Middletown, 16; and in New Haven, 36. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in February: Ashford, Bolton, Bozrah, Bridgewater, Brookfield, Burlington, Colebrook, Ellington, Harwinton, Marlborough, Newington, Norfolk, Old Lyme, Oxford, Salem, Sterling, Westbrook, Weston, Woodbridge—19.

The Registrar of the following town has made no report for February: Columbia.

REMARKS.

By Mortality Reports received, there were 1381 deaths during the month of February. This was 58 less than in January, and 120 more than in February of last year, and 238 more than the average number of deaths in February for the five years preceding.

	1901	1900	1899	1898	1897	1896
January,	1439	1367	1565	1153	1123	1121
February,	1381	1261	1192	1026	1142	1094

The death rate was 17.8 for the large towns, for the small towns 19.3, and for the whole State 18.2.

The deaths reported from infectious diseases were 249, being 18.0 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Small Pox—Bridgeport, 4.

Measles—Bethel, 29; Bristol, 3; Brookfield, 1; Chester, 9; Danbury (city), 2 (town), 14; Danielson (borough), 1; Derby, 1; East Windsor, 1; Farmington, 6; Haddam, 2; Hartford, 8; Hebron, 13; Jewett City (borough), 4; Kent, 1; Killingly, 3; Lebanon, 11; Mansfield, 2; New Haven, 3; Newtown, 12+; Norwich (city), 6; Old Saybrook, 6; Pomfret, 24; Putnam, 30; Redding, 8+; Ridgefield, 10; Salem, 1; Sherman, 7; Southbury, 1; Tolland, 1; Waterbury (city), 2; Westport, 1; Wilton, 6.—Total, 229+ in 31 towns.

Scarlet Fever—Berlin, 3; Bridgeport, 39; Bristol, 1; Canterbury, 1; Cromwell, 1; Danbury (city), 2; Danielson (borough), 1; East Haddam, 4; East Lyme, 1; East Windsor, 2; Farmington, 1; Hartford, 12; Killingly, 1; Lebanon, 2; Litchfield, 3; Manchester, 2; Meriden (city), 3; Milford, 1; Naugatuck, 14; New Britain (city), 16, (town), 2; New Hartford, 1; New Haven, 4; Newington, 3; Norwalk (city), 2, (town), 1; Norwich (city), 2; Plainfield, 3; Plainville, 1; Plymouth, 3; Pomfret, 6; Redding, 1; Rockville (city), 2; Simsbury, 4; Stamford (city), 1; Sterling, 1; Stonington 1; Stratford, 1; Suffield, 3; Thomaston, 4; Torrington, 4; Trumbull, 1; Vernon, 1; Waterbury (city), 11; Weston, 3; Willimantic (city), 4; Windham, 1; Wolcott, 2.—Total, 183 in 44 towns.

Diphtheria and Croup—Ansonia, 2; Bethel, 1; Bridgeport, 7; Danbury (city), 2; Darien, 1; Derby, 1; Durham, 1; East Hartford, 5; East Lyme, 1; Ellington, 1; Enfield, 1; Franklin, 7; Greenwich, 3; Groton, 12; Hartford, 33; Harwinton, 1; Manchester, 1; Meriden (city), 1; Middletown, 3; Montville, 1; Naugatuck, 1; NewBritain (city), 1; New Canaan, 1; New Haven, 18; Newington, 2; New London, 3; Norwalk, 1; Norwich (city), 2; Old Lyme, 2; Plainfield, 1; Putnam, 1; Ridgefield, 8; South Norwalk (city), 2; South Windsor, 5; Stafford Springs (borough), 1; Stratford, 1; Torrington, 1; Waterbury (city), 5; West Hartford, 3; Windsor Locks, 2.—Total, 146 in 39 towns.

Whooping Cough—Bridgeport, 1; Bridgewater, 2; Chaplin, 1; Colchester (several cases); Durham, 27+; Griswold, 3; New Canaan, 16; Plymouth, 3; Redding, 4; Roxbury, 16; Wallingford (epidemic); Waterbury (city), 2; Westbrook, 2; Westport, 1.—Total, 78+ in 14 towns.

Typhoid Fever—Bethany 2; Bridgeport, 1; East Hartford, 1; Groton, 1; Guilford, 1; Hartford, 1; Middletown, 1; Monroe, 1; New Haven, 10; Plainfield, 2; Redding, 1.—Total 22 in 11 towns.

In addition to the above, is a list of Towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Barkhamsted, Beacon Falls, Bethlehem, Bloomfield, Bolton, Bozrah, Branford, Brooklyn, Burlington, Canaan, Canton, Chatham, Cheshire, Clinton, Colebrook, Columbia, Cornwall, Coventry, Eastford, East Granby, East Haven, Essex, Fairfield, Glastonbury, Goshen, Granby, Hamden, Hampton, Hartland, Huntington, Killingworth, Ledyard, Lisbon, Lyme, Madison, Marlborough, Meriden, Middlebury, Middlefield, Morris, New Fairfield, New Milford, Norfolk, North Branford, North Canaan, North Haven, North Stonington, Norwich, Orange, Oxford, Portland, Preston, Prospect, Rocky Hill, Salisbury, Saybrook, Scotland, Seymour, Sharon, Somers, Southington, Sprague, Stafford, Stamford, Stonington (borough), Thompson, Union, Voluntown, Warren, Washington, Waterbury, Waterford, Watertown, Wethersfield, Willington, Winchester, Windsor, Winsted (borough), Woodbridge, Woodbury, Woodstock.—Total, 83.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Chaplin, 1; Redding, 1; Stafford, 1.—Total, 3.

La Grippe—Avon, 1; Barkhamsted, 1; Bethel, 3; Bethlehem, 1; Canterbury, 1; Chester, 2; Clinton, 2; Colchester, 2; Cornwall, 1; Coventry, 3; Cromwell, 1; Darien, 1; East Granby, 1; East Haven, 1; East Windsor, 1; Fairfield, 1; Farmington, 2; Glastonbury, 1; Granby, 1; Griswold, 1; Guilford, 2; Haddam, 1; Hamden, 2; Kent, 1; Lisbon, 3; Madison 2; Mansfield, 1; New Hartford, 1; New Milford, 1; North Branford, 1; North Haven, 1; Plainfield, 4; Plymouth, 1; Portland, 2; Prospect, 1; Ridgefield, 1; Rocky Hill, 1; Salisbury, 5; Saybrook, 2; Seymour, 1; Sherman, 1; Simsbury, 1; South Windsor, 1; Sprague, 1; Suffield, 1; Thomaston, 2; Tolland, 1; Voluntown, 1; Washington, 3; Waterford, 1; Watertown, 2; West Hartford, 1; Windsor, 2; Windsor Locks, 1; Woodbury, 2; Woodstock, 1.—Total, 84.

Diphtheria and Croup—Franklin. 1.

Typhoid Fever—Bethany, 1; Bethel, 1; New Hartford, 1.—Total, 3.

All the Health Officers of New Haven, New London, Windham, Litchfield, Middlesex and Tolland Counties have reported.

But the Health Officers of the following towns have not reported:

HARTFORD CO.—Avon.

FAIRFIELD CO.—Easton.

SOME REASONS WHY CONSUMPTION SHOULD BE REPORTED TO THE HEALTH OFFICER.

Because it is a communicable disease.

Because it is a preventable disease.

Because most of the subjects of it need to be instructed in the best ways of protecting themselves and others from the danger of infection.

Because it would enable the health officers to convey directly through the physicians or otherwise, printed circulars and instructions to all such patients, which would contribute greatly to their own benefit and the safety of their companions and the public.

Because it would enable the health officers to prevent the reoccupation of any room or house, which had become infected by consumptive patients, and which had been vacated by death or removal, until the said room or house had been completely disinfected.

Because by such disinfection the further communication to new tenants would be prevented.

Because it would enable health officers to make an intelligent study of the etiology of Consumption on a large scale, by acquiring a knowledge of the age, family history, occupation, residence, environment and whatever other influence might have promoted the disease.

Because the investigation of all the cases in a given district permits classification and grouping of numbers in similar conditions.

Because such a study of considerable numbers is far more satisfactory and conclusive than the investigation of individual instances.

Because it would doubtless lead to the discovery of many cases in the incipient stage of the malady.

Because in the early stage of comsumption it is almost always curable.

Because, by timely treatment, many lives might be restored to health which would otherwise perish.

Because such an investigation scientifically conducted would demonstrate the prevalence of a few very active promotors of the disease, a few fertile fields in which the disease flourishes luxuriantly.

Because the destruction of the breeding beds of the disease would contribute more to its extinction than could possibly be accomplished by trying to cure its victims.

Because the full report of all cases of Consumption would not necessitate the surveillance and control of the patients, as in cases of Scarlet Fever and Small-pox.

Because the main purpose of the reporting is for a mutual interchange of information.

Because the business can almost all be accomplished through the agency of Physicians, and the officers of Hospitals, Asylums, Dispensaries, Prisons, Homes, &c.

And finally, because "this great white plague" is the most fatal disease known to man, and therefore, it is the obvious duty of the State, especially since its specific cause has been discovered, to take such active measures as science dictates to diminish its prevalence and abate its ravages.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, March 15, 1901.

METEOROLOGICAL REPORT FOR THE MONTH OF FEBRUARY 1901.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.88	29.97	16	24	22	30	14	16	72	66	W	2	W	7	194	20	.0	Clear	Clear	Clear
2	30.25	30.25	14	22	20	28	13	15	74	74	N W	7	N W	5	172	16	.0	Clear	Clear	Clear
3	30.35	30.15	16	28	24	34	14	20	72	62	N	4	S W	3	117	10	.0	Clear	Cloudy	Clear
4	29.72	29.57	23	27	25	28	22	6	93	88	N	12	N W	8	293	27	.40	Light Rain	Light Snow	Cloudy
5	29.60	29.76	23	18	22	26	17	9	73	66	N W	20	N W	24	519	43	.01	Partly Cl'dy	Clear	Clear
6	29 81	29.89	14	17	18	24	13	11	56	50	N W	21	N W	14	432	32	.0	Clear	Clear	Clear
7	29.96	29.98	10	19	20	30	10	20	60	43	W	8	N W	12	357	37	.0	Clear	Clear	Clear
8	30.02	30.00	12	20	18	27	10	17	55	67	S W	7	N W	18	265	29	.0	Clear	Clear	Clear
9	29.86	29.67	15	22	17	23	11	12	57	93	N	5	S W	6	134	12	.01	Cloudy	Light Snow	Cloudy
10	29.97	30.11	16	21	21	28	14	14	55	63	N W	15	N W	8	322	26	T	Clear	Clear	Clear
11	30.22	30.09	15	29	24	33	14	19	57	55	W	7	N W	4	199	20	.0	Clear	Cloudy	Clear
12	29.91	29.75	22	23	25	31	19	12	51	50	W	10	N W	20	291	27	.03	Clear	Clear	Partly Cl'dy
13	29.72	29.54	10	12	16	22	9	13	60	57	N W	20	N W	24	493	41	.0	Clear	Clear	Clear
14	29.49	29.48	10	20	16	23	8	15	61	56	N W	15	N W	16	388	33	.0	Clear	Cloudy	Clear
15	29.57	29.50	22	31	28	36	19	17	39	77	W	7	N W	17	331	30	.0	Clear	Partly Cl'dy	Clear
16	29.68	29.59	29	37	35	41	29	12	66	52	W	7	S W	5	163	15	.0	Clear	Cloudy	Clear
17	29.65	29.67	29	32	34	39	29	10	63	64	N W	15	N W	6	236	25	.0	Clear	Clear	Clear
18	29.66	29.69	29	33	34	40	28	12	77	61	N W	4	N W	8	157	22	.04	Cloudy	Clear	Partly Cl'dy
19	29.65	29.55	32	30	33	40	26	14	74	57	S W	8	N	3	220	27	.0	Partly Cl'dy	Clear	Clear
20	29.50	29.56	22	26	27	33	21	12	59	88	N W	7	W	17	259	26	T	Clear	Partly Cl'dy	Partly Cl'dy
21	29.76	29.88	20	22	24	27	20	7	64	67	W	16	W	5	257	22	.0	Clear	Clear	Clear
22	29.90	29.86	20	26	24	30	17	13	64	68	W	6	W	8	220	18	T	Cloudy	Clear	Cloudy
23	30.04	29.86	15	25	20	26	15	11	75	43	N	4	E	7	147	19	.0	Clear	Cloudy	Partly Cl'dy
24	29.64	29 87	14	21	20	27	14	13	49	49	N W	15	W	8	315	30	.05	Clear	Clear	Clear
25	30.00	29.95	22	32	26	37	16	21	59	69	S W	15	S W	10	305	30	.0	Partly Cl'dy	Partly Cl'dy	Clear
26	29.82	29.75	33	30	32	39	25	14	72	62	S W	6	N W	15	229	21	.0	Partly Cl'dy	Clear	Clear
27	29.93	30.06	21	23	24	27	20	7	49	33	W	14	W	8	319	33	.0	Clear	Clear	Clear
28	30.25	30.31	16	23	21	28	14	14	62	33	N W	9	W	5	221	18	.0	Clear	Clear	Clear
29																				
30																				
31																				
Month Ave's.	29.85	29.83	19	25	24	31	17	13	64	61	N W	10	N W	10	270	43	Total, .54			

SUMMARY.

BAROMETER.

Monthly Mean, 29.84 inches.

Highest, 30.35 in.; Date, 3rd.

Lowest, 29.49 in.; Date, 14th.

Monthly range, .86 inches.

TEMPERATURE.

Monthly Mean, 24 degrees.
Highest, 41 degrees; Date, 16th.
Lowest, 8 degrees; Date, 14th.
Absolute range, 33 degrees.
Greatest daily range, 21 degrees; Date, 25th.
Least daily range, 6 deg.; Date, 4th.
Mean daily range, 13 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 117 degrees.

WIND.

Prevailing direction, N W.
Mean hourly velocity, 11 miles.
Max. hourly velocity and direction, 37 N W; Date, 13th.
Total monthly movement, 7,555 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 9.
*Greatest 24 hour precipitation, (in. and 100ths). .41; Date, 4th. Total monthly precipitation (in. and 100ths), .54 in.
Total depth of snowfall (inches and 10ths), 6 in. Dates of Thunder Storms, none.
Accumulated deficiency of precipitation since Jan. 1st, 6.51 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---26 deg.		1888---28 deg.	
1874---28	"	1889---25	"
1875---24	"	1890---30	"
1876---32	"	1891---32	"
1877---36	"	1892---31	"
1878---33	"	1893---26	"
1879---27	"	1894---26	"
1880---34	"	1895---22	"
1881---26	"	1896---26	"
1882 --32	"	1897---30	"
1883---28	"	1898---31	"
1884---33	"	1899---29	"
1885---20	"	1900---29	"
1886---27	"	1901---24	"
1887---30	"		

COM. RAINFALL. (Inches and 100ths.)

1873---3.45	1888---3.16
1874---3.86	1889---2.08
1875---3.98	1890---3.19
1876---4.29	1891---5.88
1877-- 1.07	1892---1.56
1878---6.10	1893---6.23
1879-- 3.89	1894---4.23
1880---3.80	1895--- .99
1881---6.17	1896---5.65
1882---4.52	1897---2.00
1883---5.00	1898---4.55
1884---5.57	1899---3.38
1885---3.15	1900---6.39
1886---5.95	1901--- .54
1887-- 6.22	

Monthly mean humidity, 62 per cent. Monthly mean dew point, 12. Number of clear days, 21. Number of partly cloudy days, 4. Number of cloudy days, 3.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water
A rainfall recorded in column (T). indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XV. No. 3.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
G. H. WILSON, M.D., MERIDEN
R. S. GOODWIN, M.D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.

MONTHLY BULLETIN

—OF THE—

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MARCH, 1901.

THE TUTTLE, MOREHOUSE & TAYLOR CO., NEW HAVEN, CONN.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of March, 1901, and a Statement of the Births and Marriages for the Month of February, 1901.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in February	Still Births in Feb.	Marriages in Feb.	Total Deaths in Mar.	Representing An. nual Death Rate per 1,000	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	38	1	10	15	14.1	3	2	33.3	----	----	----	1	----	----	----	1	----	----	----	----	----	1	----	1	5	1	----	5
Branford,	5,706	9	----	5	5	10.5	2	----	40.0	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	1	----	----	2
Bridgeport,	70,996	129	7	35	112	18.4	25	8	29.4	----	----	4	6	----	2	----	----	----	----	----	----	----	11	23	2	11	8	----	45
Bristol,	9,643	11	----	3	20	24.8	1	1	10.0	----	----	----	3	----	1	----	----	----	----	----	----	----	----	3	----	1	5	----	7
Danbury,	19,474	22	----	8	25	15.4	4	4	32.0	----	----	1	2	----	----	----	----	----	----	----	----	----	3	4	----	7	2	----	6
Derby,	7,930	20	5	2	11	16.6	2	----	18.1	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	1	2	2	----	3
East Hartford,	6,406	18	----	4	12	22.4	3	1	33.3	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	----	----	4	2	4
Enfield,	6,699	12	----	10	14	25.0	1	1	14.2	----	----	----	1	----	----	----	----	----	----	----	----	----	2	4	----	----	3	----	4
Greenwich,	12,172	23	2	7	18	17.7	5	2	38.8	----	----	----	1	----	----	----	----	----	----	----	1	----	2	1	5	2	----	1	5
Groton,	5,962	11	----	3	13	26.1	3	----	23.0	----	----	----	----	1	----	----	----	----	----	----	----	----	----	6	----	2	2	----	2
Hartford,	79,850	134	8	51	116	16.3	15	11	22.4	----	1	----	6	1	5	----	----	----	----	----	----	----	12	14	3	14	12	4	44
Huntington,	5,572	14	----	4	4	8.6	1	----	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	2
Killingly,	6,835	9	----	7	10	17.5	2	1	30.0	----	----	----	1	----	----	----	----	----	----	----	----	----	1	2	1	----	1	----	4
Manchester,	10,601	15	1	5	18	20.3	5	3	44.4	----	----	----	1	----	1	----	----	----	----	----	----	----	7	----	1	3	----	1	4
Meriden,	28,695	53	1	12	42	17.5	7	7	33.3	----	----	----	5	----	2	----	1	1	1	----	----	----	5	2	4	3	1	----	17
Middletown,	17,486	30	3	2	36	17.1	2	6	22.2	----	----	----	3	----	2	1	1	----	----	----	----	----	10	2	3	2	4	1	7
Naugatuck,	10,541	28	----	2	6	6.8	2	1	50.0	----	----	----	----	----	----	----	1	----	----	----	----	----	----	3	----	----	----	1	1
New Britain,	28,202	46	4	13	44	18.7	9	4	29.5	----	----	1	7	----	1	----	----	----	----	----	2	1	3	9	1	2	2	1	14
New Haven,	108,027	206	5	67	175	19.1	32	16	27.4	----	----	----	14	2	4	----	3	2	1	----	1	----	23	29	8	20	16	3	49
New London,	17,548	37	4	8	28	19.1	7	3	35.7	----	----	----	2	----	2	----	----	----	----	----	----	----	4	9	1	3	----	2	5
Norwalk,	19,932	28	5	12	23	13.8	1	4	21.7	----	----	1	2	----	----	----	----	----	----	----	----	----	3	3	----	9	2	1	2
Norwich,	24,637	37	1	14	40	19.4	3	4	17.5	----	1	----	3	----	1	----	----	----	2	----	----	----	4	8	1	7	5	----	8
Orange,	6,995	8	----	----	12	10.5	1	----	8.3	----	----	----	1	----	----	----	----	----	----	----	----	----	2	1	----	----	3	----	5
Putnam,	7,348	11	1	----	17	27.7	4	2	35.3	----	3	----	2	1	----	----	----	----	----	----	----	----	1	----	1	2	2	----	5
Southington,	5,890	9	1	----	9	18.3	1	1	22.2	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	3	1	----	4
Stamford,	18,839	20	1	3	34	21.6	7	4	32.3	----	----	----	3	----	----	1	----	----	----	----	----	----	2	8	----	8	2	----	10
Stonington,	8,540	17	----	4	12	16.8	1	1	16.6	----	----	----	2	----	----	----	----	----	----	----	----	----	2	2	1	----	1	----	4
Thompson,	6,442	17	----	3	6	11.1	4	----	66.6	----	----	----	1	----	----	----	----	----	----	----	2	----	----	1	1	1	----	----	----
Torrington,	12,453	25	----	1	23	22.1	7	2	39.1	----	----	----	1	----	----	----	----	----	----	----	----	----	2	7	1	2	1	2	7
Vernon,	8,483	8	----	1	13	18.3	1	2	23.0	----	----	1	----	----	----	----	----	----	----	----	----	----	----	3	----	3	2	1	3
Wallingford,	9,001	10	----	5	8	10.6	2	1	37.5	----	----	----	1	----	----	----	----	----	----	----	1	----	1	1	1	1	----	----	2
Waterbury,	51,139	125	4	35	74	17.3	20	8	37.8	----	----	----	7	----	2	----	3	----	----	----	----	----	4	8	8	4	7	3	28
Winchester,	7,763	5	----	7	5	7.7	----	1	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	1	----	1
Windham,	10,137	16	----	7	21	24.8	4	----	19.0	----	----	----	----	----	----	----	----	----	----	----	----	----	3	4	2	6	----	----	6
Total of the 34 above towns,	668,616	1201	54	350	1021	18.3	187	101	28.2	----	5	8	76	5	25	2	10	3	4	----	8	1	110	162	47	127	90	23	315
134 towns of less than 5,000 inhabitants,	239,739	307	19	68	420	21.0	49	24	17.3	----	2	1	58	1	4	6	2	1	----	1	----	2	24	71	29	43	36	14	125
Total reported from 168 towns,	908,355	1508	73	418	1441	19.3	236	125	25.0	----	7	9	134	6	29	8	12	4	4	1	8	3	134	233	76	170	126	37	440

The Mortality in Public Institutions of the State were: in Bridgeport, 11; in Hartford, 19; in Middletown, 11; and in New Haven, 20. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in March: Bethlehem, Brookfield, Columbia, East Granby, Hampton, Hartland, Lyme, Marlborough, New Fairfield, Norfolk, North Branford, Old Lyme, Oxford, Prospect, Union, Willington—16.

REMARKS.

By Mortality Reports received, there were 1441 deaths during the month of March. This was 60 more than in February, and 250 less than in March of last year, and 73 more than the average number of deaths in March for the five years preceding.

	1901	1900	1899	1898	1897	1896
January,	1439	1367	1565	1153	1123	1121
February,	1381	1261	1192	1026	1142	1094
March,	1441	1691	1221	1272	1369	1288
Total 1st quarter,	4261	4319	3978	3451	3634	3503

The death rate was 18.3 for the large towns, for the small towns 21.0, and for the whole State 19.3.

The deaths reported from infectious diseases were 224, being 15.5 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Small Pox—Bridgeport, 1.

Measles—Ansonia, 1; Bethel, 8; Bozrah, 16+; Burlington, 3; Canton, 1; Chaplin, 1; Chatham, 3; Cheshire, 2; Chester, 6; Danbury (city), 2; Danbury (town), 20; Danielson (borough), 6+; Derby, 2; Eastford, 5; Enfield, 2; Farmington, 2; Griswold, 6; Haddam, 1; Hamden, 7; Hebron, 5; Huntington, 1; Jewett City (borough), 50 (epidemic); Killingly, 5; Lebanon, 1; Manchester, 20; Middletown, 2; Milford, 1; Monroe, 1; Naugatuck, 1; New Haven, 27; Norwalk, 3; Norwich (city), 40+; Norwich (town), 1; Pomfret, 9; Putnam, 15; Redding, 12+; Ridgefield, 16; Simsbury, 1; South Norwalk (city), 2; Stonington (borough), 1; Trumbull, 3; Waterbury (city, 1; Willimantic (city), 3; Woodstock, 28.—Total, 343+ in 44 towns.

Scarlet Fever—Berlin, 1; Bethel, 4; Bridgeport, 40; Bristol, 6; Danbury (city), 4; Danielson (borough), 3; Derby, 5; East Haddam, 2; East Hartford, 2; East Lyme, 1; East Windsor, 4; Fairfield, 8; Greenwich, 3; Groton, 1; Hartford, 11; Killingly, 1; Lebanon, 2; Manchester, 1; Meriden (city), 2; Milford, 9; Naugatuck, 8; New Britain (city), 7; New Hartford, 1; New Haven, 11; Newington, 2; New London, 1; New Milford, 2; Norwalk (city), 3; Norwalk (town), 11; Norwich (city), 3; Orange, 1; Plainville, 1; Plymouth, 3; Pomfret, 1; Redding, 4; Ridgefield, 5; Rockville (city), 1; Salisbury, 2; Simsbury, 3; South Norwalk (city), 8; Trumbull, 1; Vernon, 1; Wallingford, 2; Waterbury (city), 6; Watertown, 3; Weston, 1; Westport, 3; Wethersfield, 1; Willimantic (city), 5; Wilton, 3; Windsor, 1; Winsted (borough), 1; Wolcott, 1.—Total, 217 in 53 towns.

Cerebro Spinal Fever—Hartford, 1; Kent, 1; Putnam, 1.—Total, 3 in 3 towns.

Diphtheria and Croup—Ansonia, 1; Berlin, 2; Bridgeport, 7; Bristol, 1; Canaan, 1; Danbury (city), 4; East Hartford, 3; East Windsor, 2; Fairfield, 3; Groton, 12; Haddam, 1; Hartford, 57; Harwinton, 1; Meriden (city), 5; Middletown, 7; Naugatuck, 1; New Britain (city), 3; New Haven, 12; New London, 8; Newtown, 1; Norwalk (city), 3; Norwalk (town), 3; Norwich (city), 3; Norwich (town), 1; Preston, 1; Putnam, 3; Ridgefield, 4; Southington, 3; South Norwalk (city, 2; South Windsor, 1; Stamford (city), 1; Stonington (borough), 1; Suffield, 3; Wallingford, 5; Waterbury (city), 9; Waterbury (town), 29; Waterford, 1; West Hartford, 1.—Total, 196 in 38 towns.

Whooping Cough—Bridgewater, 2+; East Haddam (few cases); New Canaan, 18; Newtown, 1; Redding, 2; Sherman, 1; Wallingford, (epidemic).—Total, 24+ in 7 towns.

Typhoid Fever—Bridgeport, 4; Canton, 1; Danbury (city), 2; Durham, 1; Eastford, 1; Enfield, 1; Groton, 5; Hamden 1; Manchester, 1; Meriden (city), 1; Middlebury, 1; New Haven, 4; Newtown, 1; Plainfield, 3; Salem, 1; Stonington, 1; Thompson, 2; Vernon, 1; Watertown, 1; Woodbridge, 3.—Total 36 in 20 towns.

In addition to the above, is a list of Towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Barkhamsted, Beacon Falls, Bethany, Bethlehem, Bloomfield, Bolton, Branford, Brookfield, Brooklyn, Canterbury, Clinton, Colchester, Colebrook, Columbia, Cornwall, Coventry, Cromwell, East Granby, East Haven, Easton, Ellington, Essex, Franklin, Glastonbury, Goshen, Granby, Guilford, Hampton, Hartland, Killingworth, Ledyard, Lisbon, Litchfield, Lyme, Madison, Mansfield, Marlborough, Meriden, Middlefield, Montville, Morris, New Britain, New Fairfield, Norfolk, North Branford, North Canaan, North Haven, North Stonington, Old Lyme, Old Saybrook, Oxford, Portland, Prospect, Rocky Hill, Roxbury, Saybrook, Scotland, Seymour, Sharon, Somers, Southbury, Sprague, Stafford, Stafford Springs (borough), Stamford, Sterling, Stratford, Thomaston, Tolland, Torrington, Union, Voluntown, Warren, Washington, Westbrook, Willington, Winchester, Windham, Windsor Locks, Woodbury.—Total, 83.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Eastford, 1; Griswold, 1.—Total, 2.

Scarlet Fever—East Haddam, 1.

La Grippe—Avon, 1; Bethany, 1; Bolton, 2; Brooklyn, 1; Chatham, 2; Chester, 1; Colchester, 1; Darien, 1; East Lyme, 1; East Windsor, 3; Ellington, 2; Essex, 2; Franklin, 1; Goshen, 1; Griswold, 2; Haddam, 1; Harwinton, 1; Lebanon, 1; Litchfield, 1; Mansfield, 1; Milford, 1; Montville, 1; New Canaan, 2; Newington, 1; New Milford, 2; Newton, 2; North Stonington, 1: Portland, 3; Preston, 1; Rocky Hill, 1; Salisbury, 2; Saybrook, 1; Sherman, 2; Sprague, 1; Stafford, 1; Suffield, 1; Thomaston, 2; Tolland, 1; Voluntown, 1; Waterford, 1; West Hartford, 1; Westport, 1; Windsor Locks, 1.—Total, 58.

Cerebro-Spinal Fever—Kent, 1.

Diphtheria and Croup—Berlin, 1; Canton, 1; Fairfield, 1; Sprague, 1.—Total, 4.

Whooping Cough—Berlin, 2; Bridgewater, 2; Cromwell, 1; Plymouth, 1.—Total, 6.

Typhoid Fever—Durham, 1.

All the Health Officers of Hartford, New Haven, New London, Windham, Litchfield, Middlesex and Tolland Counties have reported.

But the Health Officer of the following town has not reported:

FAIRFIELD CO.—Darien.

A SIGNAL INSTANCE OF THE PROMPT AND EFFECTIVE WORK OF A SANITARY HEALTH OFFICER.

The first intimation of the epidemic of typhoid fever now prevailing in a particular locality in New Haven, was given to Dr. Wright, the health officer, on Wednesday, the 3d day of April. Through the valuable aid afforded by the telephone service, he was enabled to communicate rapidly with a sufficient number of physicians to determine on the next day the probable origin of the infection and the medium of its distribution. A personal examination of the suspected locality confirmed his suspicions, that Dawson Lake had become infected with typhoid germs. He notified the Water Company of the conditions he had found. The water from the accused reservoir was immediately shut off from its consumers, and the supply pipes flushed out with water from other sources.

In the remote limits of an adjoining town, eight miles from New Haven, there had been during the first three months of the year, at different times, three cases of typhoid. The discharges from the patients were not disinfected, but the father of the family was directed to bury them.

During the illness of these patients the ground was frozen solid, and there is every reason to believe that there was no true burial of the feces. The alleged place of burial was on a side hill with a steep inclination to a water course leading directly to Dawson Lake, an important reservoir of the New Haven Water Company.

During all the season there had been an unusual absence of rain. On the 11th of March there was a precipitation of 2.46 inches in 24 hours. This heavy fall had a scouring effect upon the surface, carrying all loose debris into the water courses. The temperature had risen during the previous three days so that the surface of the ground was partly thawed, but the deeper ground was still frozen. Doubtless the greater part or the whole of the infected material was washed into Dawson Lake by this rain on March 11th.

The first notice of a marked increase of typhoid was on April 3d, twenty-three days after the heavy rainfall of March 11th, or on the expiration of the period of incubation.

The number of cases reported increased daily until the maximum was reached on the 9th inst., since when it has decreased. Up to the present date, April 12, there have been reported 315 cases.

The persons afflicted are limited very closely to those who have been supplied with water from Dawson Lake. No other source of infection has yet been discovered, although the most diligent inquiry has been pursued.

This serious calamity to New Haven should be a most impressive and emphatic lesson to physicians and health officers regarding the necessity of a destructive disposal of the excretæ of typhoid patients.

Consider the enormous amount of anxiety and suffering that would have been prevented if the stools of these patients had been disinfected.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, April 15, 1901.

METEOROLOGICAL REPORT FOR THE MONTH OF MARCH 1901.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.26	29.79	23	40	30	42	19	23	59	56	S W	8	S W	16	273	23	T	Cloudy	Cloudy	Cloudy
2	29.68	29.88	39	40	38	48	29	19	96	68	W	6	N	7	237	19	.02	Sprinkling	Cloudy	Cloudy
3	30.18	29.98	19	33	28	37	18	19	48	84	N	21	S E	17	315	22	.0	Cloudy	Cloudy	Partly Cl'dy
4	29.99	29.92	40	39	42	51	33	18	92	92	S W	2	S	4	149	12	.02	Cloudy	Light Rain	Partly Cl'dy
5	29.62	29.75	36	22	32	45	18	27	91	42	S	5	N W	16	272	23	.20	Cloudy	Cloudy	Partly Cl'dy
6	30 01	30.24	11	12	14	18	10	8	58	39	W	22	W	14	371	33	.0	Clear	Clear	Clear
7	30.34	30.24	15	30	21	33	9	24	60	56	W	16	S W	9	295	26	.0	Clear	Clear	Clear
8	30.25	30.04	31	36	36	44	29	15	65	77	S W	9	S	6	213	15	.0	Cloudy	Cloudy	Partly Cl'dy
9	29.87	29.92	42	43	42	46	38	8	96	96	S W	16	S E	3	229	21	.09	Sprinkling	Sprinkling	Cloudy
10	30.27	30.26	35	34	37	42	32	10	76	81	N	13	E	20	362	29	T	Cloudy	Cloudy	Cloudy
11	29.64	29.46	43	42	40	48	32	16	100	88	E	18	N W	8	309	30	2.46	Heavy Rain	Cloudy	Cloudy
12	29.68	29.88	36	36	37	40	34	6	73	64	W	20	W	14	414	35	.03	Cloudy	Clear	Cloudy
13	30.05	29.85	31	38	35	42	28	14	68	58	W	7	N E	8	184	15	.0	Partly Cl'dy	Cloudy	Partly Cl'dy
14	29.72	29.82	32	38	40	48	31	17	74	87	N E	13	S E	6	244	25	.07	Partly Cl'dy	Sprinkling	Clear
15	29.77	29.78	32	36	34	37	31	6	84	84	N E	8	S W	3	135	11	.09	Light Snow	Cloudy	Cloudy
16	29.85	29.94	32	33	34	39	28	11	95	70	N E	3	N W	10	146	18	.06	Light Snow	Partly Cl'dy	Cloudy
17	30.06	30.01	26	34	30	39	22	17	63	68	N W	7	S W	9	177	13	.0	Clear	Clear	Clear
18	30.15	30.02	36	42	40	50	31	19	73	65	W	8	S W	7	188	24	.0	Clear	Clear	Cloudy
19	30.13	30.38	41	31	38	48	28	20	64	51	N	18	N	12	268	30	.0	Clear	Clear	Clear
20	30.35	30.13	30	36	32	39	26	13	73	100	N E	12	N E	9	261	16	.03	Cloudy	Misting	Cloudy
21	29.78	29.73	47	44	44	50	37	13	100	93	S E	27	W	2	277	30	1.13	Light Rain	Cloudy	Cloudy
22	29.96	30.01	36	40	39	45	33	12	68	63	S W	6	W	5	236	29	.0	Clear	Clear	Clear
23	30.22	30.19	32	39	37	45	29	16	58	75	N	9	S	8	147	13	.0	Clear	Clear	Clear
24	30.14	30.05	39	45	40	45	34	11	83	100	S	1	E	2	72	7	.18	Light Rain	Misting	Cloudy
25	30.09	30.00	43	45	46	50	42	8	92	85	N E	13	E	12	213	18	T	Cloudy	Cloudy	Cloudy
26	29.73	29.46	39	41	40	43	37	6	100	100	N E	18	N E	15	405	28	1.27	Light Rain	Light Rain	Cloudy
27	29.39	29.53	44	42	44	52	37	15	78	66	W	10	W	6	300	29	.15	Cloudy	Clear	Partly Cl'dy
28	29.51	29.61	35	30	34	38	29	9	77	62	N W	11	N W	17	313	23	T	Cloudy	Cloudy	Partly Cl'dy
29	29.70	29.82	30	33	34	41	27	14	56	75	N W	13	N W	12	432	33	.0	Clear	Cloudy	Clear
30	29.85	29.74	33	40	39	48	30	18	65	60	N W	18	W	8	392	33	.0	Clear	Clear	Clear
31	29.68	29.59	34	35	40	49	30	19	46	64	N W	8	N W	17	330	33	.0	Clear	Partly Cl'dy	Clear
Month Ave's.	29.93	29.90	34	36	36	43	29	15	75	73	W	12	W	10	262	33	Total, 5.80			

SUMMARY.

BAROMETER.

Monthly Mean, 29.92 inches.

Highest, 30.38 in.; Date, 19th.

Lowest, 29.39 in.; Date, 27th.

Monthly range, 99 inches.

TEMPERATURE.

Monthly Mean, 36 degrees.
Highest, 52 degrees; Date, 27th.
Lowest, 9 degrees; Date, 7th.
Absolute range, 43 degrees.
Greatest daily range, 27 degrees; Date, 5th.
Least daily range, 6 deg.; Date, 12th.
Mean daily range, 14 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 73 degrees.

WIND.

Prevailing direction, N W.
Mean hourly velocity, 11 miles.
Max. hourly velocity and direction, 32 N W; Date, 29th.
Total monthly movement, 8,159 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 18.
*Greatest 24 hour precipitation, (in. and 100ths). 2.55; Date, 10th. and 11th.
Total monthly precipitation, (in. and 100ths), 5.80 in.
Total depth of snowfall (inches and 10ths), .5 in. Dates of Thunder Storms, 11th aud 27th.
Accumulated deficiency of precipitation since Jan. 1st, .92 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---33 deg.		1888---30 deg.	
1874---35	"	1889---39	"
1875---31	"	1890---34	"
1876---35	"	1891---35	"
1877---37	"	1892---33	"
1878---43	"	1893---34	"
1879---36	"	1894---41	"
1880---35	"	1895---34	"
1881---37	"	1896---31	"
1882 --37	"	1897---38	"
1883---36	"	1898---42	"
1884---34	"	1899---34	"
1885---27	"	1900---33	"
1886---35	"	1901---36	"
1887---31	"		

COM. RAINFALL. (Inches and 100ths.)

1873---4.01	1888---7.46
1874---1.34	1889---1.44
1875---3.24	1890---6.60
1876---10.15	1891---3.68
1877-- 8.09	1892---3.07
1878---4.18	1893---4.50
1879-- 5.82	1894---1.15
1880---5.68	1895---2.36
1881- 10.42	1896---5.61
1882---3.59	1897---3.36
1883---1.64	1898---2.54
1884---4.19	1899---7.28
1885---1.19	1900---4.21
1886---3.20	1901---5.80
1887-- 4.22	

Monthly mean humidity, 74 per cent. Monthly mean dew point, 28. Number of clear days, 10. Number of partly cloudy days, 7. Number of cloudy days, 14.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XV. No. 4.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
G. H. WILSON, M.D., MERIDEN
R. S. GODDWIN, M.D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. RODT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF APRIL, 1901.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of April, 1901, and a Statement of the Births and Marriages for the Month of March, 1901.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in March.	Still Births in Mar.	Marriages in Mar.	Total Deaths in Apr.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	28	----	1	12	11.3	7	----	58.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	2	1	----	7
Branford,	5,706	13	----	1	7	14.7	2	----	28.5	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	1	----	----	3
Bridgeport,	70,996	167	7	24	112	18.9	21	11	28.5	----	----	----	8	2	4	1	1	2	----	----	2	----	22	16	5	6	7	2	34
Bristol,	9,643	18	1	3	7	8.7	----	----	----	----	----	----	2	----	----	----	----	----	----	----	----	----	1	1	----	----	----	----	3
Danbury,	19,474	32	5	3	28	17.2	3	----	10.7	----	----	----	----	----	----	----	----	----	----	----	----	----	4	2	2	5	4	----	11
Derby,	7,930	21	----	3	2	3.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	----	----	----
East Hartford,	6,406	9	1	4	3	5.6	1	----	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	1	----	----	----
Enfield,	6,699	25	2	2	14	25.0	3	2	35.7	----	----	----	----	----	----	----	----	----	----	----	----	----	2	2	1	4	2	----	3
Greenwich,	12,172	20	2	3	11	10.8	5	1	54.5	----	----	----	----	----	----	----	----	1	----	----	----	----	1	2	1	----	----	1	5
Groton,	5,962	8	2	2	3	6.0	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1
Hartford,	79,850	123	6	26	127	17.7	17	9	20.4	----	1	----	3	1	3	----	----	2	----	----	1	----	26	17	3	14	8	6	42
Huntington,	5,572	9	----	----	6	12.9	2	----	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	1	----	4
Killingly,	6,835	11	1	3	8	14.0	1	2	37.5	----	1	----	1	----	----	----	----	----	----	----	----	----	1	1	----	1	----	----	3
Manchester,	10,601	18	----	1	12	13.5	3	3	50.0	----	2	----	1	----	2	----	----	----	----	----	----	----	----	1	2	1	----	----	3
Meriden,	28,695	70	1	7	39	16.3	11	1	30.7	----	----	----	1	----	1	----	----	1	1	----	----	----	6	1	4	6	4	----	14
Middletown,	17,486	16	----	4	32	15.0	6	1	21.8	----	----	----	----	----	1	----	1	1	----	----	----	1	4	3	1	7	4	----	9
Naugatuck,	10,541	22	----	2	8	9.1	3	1	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	1	1	----	----	3
New Britain,	28,202	64	8	4	33	14.0	9	2	33.3	----	----	1	1	----	1	----	----	1	----	----	----	----	2	4	3	1	5	2	12
New Haven,	108,027	247	15	47	191	20.5	22	8	15.7	----	----	1	1	1	1	2	----	44	----	----	2	----	20	11	7	23	12	7	59
New London,	17,548	36	4	4	13	8.8	1	1	15.3	----	----	----	----	----	1	----	1	----	----	----	----	----	1	----	1	3	5	1	----
Norwalk,	19,932	21	1	8	26	15.6	6	1	26.9	----	----	1	3	----	----	----	1	2	----	----	1	----	1	2	1	4	2	----	8
Norwich,	24,037	48	----	7	35	17.0	7	6	37.1	----	1	1	3	----	2	----	----	----	1	----	----	----	2	6	2	3	6	----	8
Orange,	6,995	18	----	1	11	18.8	6	----	54.5	----	----	----	1	----	----	----	----	----	----	----	1	----	1	1	----	----	----	----	7
Putnam,	7,348	17	1	2	11	17.9	1	----	9.0	----	----	----	1	----	----	----	----	----	----	----	----	----	2	----	1	1	1	----	5
Southington,	5,890	15	----	1	6	12.2	1	1	33.3	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	----	1	1	----	2
Stamford,	18,839	26	1	2	26	16.5	3	1	15.3	----	----	----	3	----	----	----	----	----	----	----	----	----	3	3	----	5	----	1	11
Stonington,	8,540	12	2	2	14	19.6	2	1	21.4	----	----	----	----	----	1	----	----	----	----	----	----	----	2	1	1	1	----	----	8
Thompson,	6,442	29	----	2	7	13.0	4	----	57.1	----	----	----	1	----	----	----	----	----	----	----	----	----	----	2	1	1	----	----	2
Torrington,	12,453	23	2	3	19	18.3	6	1	36.8	----	----	----	----	----	----	----	----	----	----	----	----	----	2	3	----	1	----	2	11
Vernon,	8,483	15	2	4	8	11.3	1	1	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	2	3	----	1
Wallingford,	9,001	29	----	1	15	19.9	5	1	40.0	----	----	----	----	----	2	1	----	----	----	----	----	----	2	----	1	1	1	----	7
Waterbury,	51,139	131	5	10	68	15.9	10	5	22.0	----	----	----	----	2	2	----	----	----	----	----	----	----	5	11	3	8	5	3	29
Winchester,	7,763	7	1	4	11	17.0	1	----	9.0	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	1	----	2	----	5
Windham,	10,137	26	----	----	17	20.1	2	1	17.6	----	----	----	4	----	----	----	----	1	----	----	----	----	3	2	1	1	2	----	3
Total of the 34 above towns,	668,616	1374	70	191	942	16.9	172	61	24.7	----	5	4	35	6	21	4	4	55	3	----	7	1	120	102	45	106	76	25	323
134 towns of less than 5,000 inhabitants,	239,739	339	17	58	311	15.5	48	19	21.5	----	6	1	36	----	4	1	3	2	1	1	2	1	21	34	19	35	35	14	95
Total reported from 168 towns,	908,355	1713	87	249	1253	16.5	220	80	23.9	----	11	5	71	6	25	5	7	57	4	1	9	2	141	136	64	141	111	39	418

The Mortality in Public Institutions of the State were: in Bridgeport, 9; in Hartford, 20; in Middletown, 12; and in New Haven, 35. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in April: Andover, Ashford, Bethany, Bethlehem, Bolton, Bridgewater, Brookfield, Chester, Clinton, Columbia, Eastford, Ellington, Franklin, Hartland, Hebron, Litchfield, Lyme, Marlborough, New Fairfield, North Branford, North Haven, Old Saybrook, Redding, Roxbury, Scotland, Sherman, South Windsor, Sterling, Union, Voluntown—30.

REMARKS.

By Mortality Reports received, there were 1253 deaths during the month of April. This was 188 less than in March, and 425 less than in April of last year, and 49 less than the average number of deaths in April for the five years preceding.

	1901	1900	1899	1898	1897	1896
January,	1439	1367	1565	1153	1123	1121
February,	1381	1261	1192	1026	1142	1094
March,	1441	1691	1221	1272	1369	1288
Total 1st quarter,	4261	4319	3978	3451	3634	3503
April,	1253	1678	1169	1197	1212	1255

The death rate was 16.9 for the large towns, for the small towns 15.5, and for the whole State 16.5.

The deaths reported from infectious diseases were 203, being 16.2 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Small Pox—Southington, 1.

Measles—Ansonia, 1; Avon, 6; Barkhamsted, 8; Bethel, 1; Bolton, 5; Bozrah, 11; Branford, 2; Bridgeport, 1; Burlington, 100+; Canterbury, 2; Canton, 30; Colchester, 3; Danbury (city), 1; Danielson (borough), 2; Glastonbury, 3; Greenwich, 1; Griswold, 10; Guilford, 1; Jewett City (borough), 30; Hamden, 12; Hampton, 1; Kent, 1; Ledyard, 1; Manchester, 15; Mansfield, 1; Meriden (city), 1; Montville, 7; New Haven, 83; New London, 2; Newtown, 5; North Stonington, 1; Norwalk (city), 1; Norwalk (town), 2; Norwich (city), 200+; Norwich (town), 16; Pomfret, 6; Redding, 3; Ridgefield, 5; Salem, 5; Southington, 2; South Norwalk (city), 2; Weston, 10; Westport, 1; Windsor, 2; Willimantic (city), 5; Woodstock, 6.—Total, 614+ in 44 towns.

Scarlet Fever—Andover, 3; Barkhamsted, 1; Bethany, 1; Bethel, 1; Branford, 2; Bridgeport, 26; Bristol, 9; Brooklyn, 1; Canaan, 2; Danbury (city), 7; Danbury (town), 1; Danielson (borough), 5; Derby, 3; East Hartford, 4; Greenwich, 4; Guilford, 3; Huntington, 4; Meriden (city), 5; Meriden (town), 1; Middletown, 4; Naugatuck, 3; New Britain (city), 6; New Haven, 13; Newington, 3; New London, 3; New Milford, 1; Norwalk (city), 6; Norwalk (town), 6; Norwich (city), 4; Norwich (town), 1; Plymouth, 1; Pomfret, 1; Portland, 1; Redding, 2; Sharon, 2; Shelton (borough), 2; South Norwalk (city), 5; Stamford (city), 4; Stonington, 1; Wallingford, 4; Waterbury (city), 6; Weston, 3; Windsor, 1; Windsor Locks, 1; Willimantic (city), 5; Wilton, 3.—Total, 172 in 41 towns.

Diphtheria and Croup—Bridgeport, 9; Cromwell, 1; Darien, 1; East Hartford, 3; East Lyme, 1; East Windsor, 1; Fairfield, 1; Greenwich, 1; Manchester, 4; Meriden (city), 4; Meriden (town), 1; Middletown, 3; Montville, 1; New Britain (city), 3; New Haven, 12; New London, 3; Newtown, 1; Norwalk (city), 4; Norwalk (town), 1; Norwich (city), 3; Preston, 1; Redding, 1; Ridgefield, 4; Southington, 4; South Norwalk (city), 2; South Windsor, 1; Suffield, 3; Torrington, 2; Wallingford, 7; Waterbury (city), 4; Waterbury (town), 9; Weston, 1; Windsor, 1; Winsted (borough), 3.—Total, 101 in 31 towns.

Whooping Cough—East Haddam (several cases); Fairfield, 10+; Jewett City (borough), 2; New Canaan (epidemic); Plymouth, 1; Redding, 6+; Sherman, 7; Waterbury (city), 1.—Total, 27+ in 8 towns.

Typhoid Fever—Avon, 2; Bridgeport, 3; Brookfield, 1; Clinton, 1; East Hartford, 1; Glastonbury, 1; Greenwich, 1; Guilford, 1; Hamden, 4; Hebron, 1; Huntington, 1; Meriden (city), 1; Middletown, 2; New Haven, 455; New London, 1; Orange, 7; Sherman, 1; South Windsor, 1; Stamford (city), 1; Trumbull, 1; Watertown, 1; Woodbridge, 1.—Total, 487 in 21 towns.

In addition to the above, is a list of Towns whose Health Officers report that they have not been notified of any infectious diseases:

Ashford, Beacon Falls, Berlin, Bethlehem, Bloomfield, Bridgewater, Chapin, Chatham, Cheshire, Chester, Colebrook, Columbia, Cornwall, Coventry, Durham, Eastford, East Granby, East Haven, Easton, Ellington, Enfield, Essex, Farmington, Franklin, Goshen, Granby, Harwinton, Killingly, Killingworth, Lebanon, Lisbon, Litchfield, Lyme, Madison, Marlborough, Middlebury, Middlefield, Milford, Monroe, Morris, New Britain, New Fairfield, New Hartford, Norfolk, North Branford, North Canaan, North Haven, Old Lyme, Old Saybrook, Oxford, Plainfield, Prospect, Putnam, Rocky Hill, Rockville (city), Roxbury, Salisbury, Saybrook, Scotland, Seymour, Simsbury, Somers, Southbury, Sprague, Stafford, Stafford Springs (borough), Stamford, Sterling, Stonington (borough), Stratford, Thomaston, Thompson, Tolland, Union, Vernon, Voluntown, Warren, Washington, Waterford, Westbrook, West Hartford, Wethersfield, Willington, Windham, Wolcott, Woodbury.—Total, 85.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Bozrah, 2; Burlington, 2; Griswold, 1; Pomfret, 1.—Total, 6.

Scarlet Fever—Sharon, 1.

La Grippe—Brooklyn, 1; Cornwall, 1; Coventry, 3; Darien, 1; Durham, 1; East Haddam, 3; Easton, 1; Essex, 1; Glastonbury, 1; Goshen, 1; Harwinton, 1; Killingworth, 1; Lebanon, 1; Lisbon, 1; Madison, 1; Middlebury, 1; Milford, 1; New Canaan, 1; Newtown, 1; North Canaan, 1; Plainfield, 1; Plainville, 1; Plymouth, 1; Rocky Hill, 1; Salisbury, 3; Saybrook, 1; Sprague, 1; Thomaston, 1; Watertown, 1; Woodbridge, 1.—Total, 36.

Diphtheria and Croup—East Windsor, 1; Newington, 1; Preston, 1; Suffield, 1.—Total, 4.

Whooping Cough—Windsor, 1.

Typhoid Fever—Hamden, 1; Plainfield, 1.—Total, 2.

All the Health Officers of New Haven, Fairfield, Windham and Tolland Counties have reported.

But the Health Officers of the following towns have not reported:

HARTFORD CO.—Hartford, Hartland, Plainville.

NEW LONDON CO.—Groton.

LITCHFIELD CO.—Winchester.

MIDDLESEX CO.—Haddam.

THE FACTS ABOUT THE TYPHOID FEVER EPIDEMIC.

On the 3d of April, 1901, six cases of typhoid were reported to the health officer, all in one section of the city. This was indicative of a fresh localized infection which threatened further results. An investigation was begun at once with such success that on the following day it was discovered that one reservoir, supplying the section of the city in which the fever patients resided, had become infected from a family living on its watershed. The water was immediately shut off from its consumers, and has not since been used. New cases continued to be reported daily in increasing numbers until the 9th of April, on which day 95 were reported. From that date the numbers gradually diminished until near the end of the month, when they ceased. This termination of the outbreak was expected, as the period of incubation after the 4th of April had expired. During April, between the 3d and the 30th, 455 cases were reported at the office of the Board of Health. Some of these were reported as "suspicious," and others were prematurely stated to be typhoid but which afterwards proved not to be. A careful inquiry is being made to determine as close as possible the number of true cases.

The total deaths at this date, May 12, have been 54, nearly 12 per cent. of the cases reported. The reservoir has been emptied completely and the pipes flushed with water from other sources. The reservoir has been refilled and will stand, by order of the Board of Health, unused a month and then drawn off, and may again be refilled for renewed use.

The New Haven Water Company, under its present management, has been and are making many efforts to protect the water from contamination. Many hundred acres of watershed have been purchased and cleared of all sources of pollution. The large extent of watershed contributing to the supply is constantly patrolled. The town health officers are paid for reporting to the company every case of typhoid fever occurring near any tributary to the reservoir.

Notwithstanding all the above precautions, this disastrous accident has occurred, and illustrates more emphatically than any argument the danger of disposing of typhoid excretions without previous disinfection.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, May 15, 1901.

METEOROLOGICAL REPORT FOR THE MONTH OF APRIL 1901.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.						PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.							
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow inches and tooths.	8 A. M.	8 P. M.	
1	29.63	29.96	38	42	42	50	35	15	75	62	NW	22	NW	22	470	30	.0	Clear	Partly Cl'dy	Clear
2	30.07	30.06	40	39	40	46	35	11	68	75	N	10	SE	9	220	17	.0	Partly Cl'dy	Cloudy	Clear
3	29.67	29.34	40	41	42	45	38	7	100	92	NE	18	N	18	388	42	1.12	Light Rain	Cloudy	Cloudy
4	29.42	29.56	40	41	42	46	39	7	100	100	N	10	E	3	158	13	.37	Light Rain	Light Rain	Cloudy
5	29.73	29.78	40	45	44	50	39	11	83	93	N	14	S	3	124	13	.11	Cloudy	Cloudy	Cloudy
6	29 75	30.50	40	46	42	46	37	9	96	96	S	1	NE	11	200	25	1.20	Sprinkling	Heavy Rain	Cloudy
7	29.28	29.45	44	44	44	50	39	11	92	93	N	26	NW	22	437	30	1.34	Cloudy	Light Rain	Cloudy
8	29.58	29.65	42	43	44	50	38	12	83	92	NW	11	NW	9	318	30	.07	Cloudy	Light Rain	Cloudy
9	29.68	29.76	41	42	44	48	40	8	84	86	NW	9	N	9	298	28	T	Sprinkling	Sprinkling	Cloudy
10	29.84	29.93	40	41	44	48	40	8	81	69	N	15	N	18	397	30	T	Cloudy	Cloudy	Cloudy
11	29.95	30.07	43	51	47	55	39	16	70	53	N	20	NE	9	363	33	.0	Partly Cl'dy	Cloudy	Partly Cl'dy
12	30.22	30.18	41	50	49	60	38	22	54	52	NE	20	S	5	281	31	.0	Clear	Clear	Clear
13	30.17	30.12	45	49	48	59	37	22	44	45	N	9	S	5	151	14	.0	Clear	Partly Cl'dy	Clear
14	30.12	30.04	45	46	44	53	36	17	57	65	N	8	NE	14	274	30	.0	Clear	Cloudy	Clear
15	29.95	29.90	45	41	46	52	39	13	64	92	NE	24	N	24	640	60	.08	Cloudy	Light Rain	Cloudy
16	29.89	30.10	44	45	43	50	36	14	60	79	N	34	N	20	702	49	.01	Cloudy	Partly Cl'dy	Cloudy
17	30.06	30.19	47	44	50	60	40	20	55	53	N	20	E	2	342	31	T	Clear	Clear	Clear
18	30.21	30.20	40	42	43	47	39	8	86	92	E	6	NE	12	240	19	.0	Cloudy	Cloudy	Partly Cl'dy
19	30.21	30.15	39	41	42	47	37	10	87	72	SE	6	SE	8	173	11	T	Misting	Partly Cl'dy	Cloudy
20	30.05	29.92	42	46	42	46	38	8	72	96	NE	14	NE	16	319	28	.46	Cloudy	Heavy Rain	Cloudy
21	29.81	29.83	57	48	52	57	48	9	91	100	E	24	SE	5	379	40	3.71	Light Rain	Foggy	Cloudy
22	29.91	30.00	53	54	54	61	48	13	90	98	N	6	E	4	220	20	T	Cloudy	Cloudy	Cloudy
23	30.08	30.10	48	48	48	53	44	9	96	93	NE	10	NE	11	273	20	.20	Light Rain	Cloudy	Cloudy
24	29.96	29 78	46	44	46	48	43	5	93	100	NE	18	N	20	461	31	.19	Sprinkling	Light Rain	Cloudy
25	29.76	29.89	47	50	48	52	44	8	86	90	N	14	NE	14	382	32	.17	Cloudy	Cloudy	Cloudy
26	30.07	30.24	46	50	50	58	42	16	75	61	NE	18	NE	10	480	45	.0	Partly Cl'dy	Clear	Partly Cl'dy
27	30.40	30.44	43	51	50	60	39	21	57	56	NE	22	NE	12	449	32	.0	Clear	Clear	Clear
28	30.50	30.43	49	53	50	63	38	25	67	63	NE	15	SE	3	216	22	.0	Clear	Clear	Clear
29	30.37	30.23	54	60	55	69	41	28	52	53	SE	3	S	7	122	10	.0	Clear	Clear	Clear
30	30.16	29.89	53	55	58	68	40	20	58	65	NE	8	SE	5	133	13	T	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
Month Ave's.	29.95	29.96	44	46	46	53	40	13	76	78	N	14	NE	11	320	60	Total, 9.03			

SUMMARY.

BAROMETER.

Monthly Mean, 29.95 inches.

Highest, 30.50 in.; Date, 28th.

Lowest, 29.28 in.; Date, 7th.

Monthly range, 1.22 inches.

TEMPERATURE.

Monthly Mean, 46 degrees.
Highest, 69 degrees; Date, 29th.
Lowest, 35 degrees; Date, 1st.
Absolute range, 34 degrees.
Greatest daily range, 28 degrees; Date, 29th.
Least daily range, 5 deg.; Date, 24th.
Mean daily range, 13 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 62 degrees.

WIND.

Prevailing direction, N E.
Mean hourly velocity, 13 miles.
Max. hourly velocity and direction 45 N E; Date, 15th.
Total monthly movement, 9,610 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 19.
*Greatest 24 hour precipitation, (in. and tooths). 4.03; Date, 20th and 21st.
Total monthly precipitation, (in. and tooths), 9.03 in.
Total depth of snowfall (inches and tooths), .0 in. Dates of Thunder Storms, 0.
Accumulated excess of precipitation since Jan. 1st, .61 inches.

COMPAR. TEMP. (MON. MEAN.)

1873---44 deg.		1888---43 deg.	
1874---39	"	1889---49	"
1875---42	"	1890---47	"
1876---46	"	1891---49	"
1877---48	"	1892---47	"
1878---52	"	1893---45	"
1879---45	"	1894---47	"
1880---48	"	1895---46	"
1881---44	"	1896---48	"
1882---44	"	1897---48	"
1883---44	"	1898---45	"
1884---46	"	1899---47	"
1885---46	"	1900---48	"
1886---49	"	1901---46	"
1887---45	"		

COM. RAINFALL. (INCHES AND TOOTHS.)

1873---4.95	1888---2.57
1874---7.89	1889---4.01
1875---3.28	1890---2.39
1876---7.65	1891---2.35
1877---3.44	1892---1.31
1878---5.08	1893---3.84
1879---6.08	1894---2.24
1880---3.69	1895---3.11
1881---1.71	1896---1.19
1882---1.55	1897---2.44
1883---2.23	1898---4.43
1884---2.36	1899---1.79
1885---2.31	1900---1.95
1886---3.21	1901---9.03
1887---2.75	

Monthly mean humidity, 77 per cent. Monthly mean dew point, 38. Number of clear days, 9. Number of partly cloudy days, 4. Number of cloudy days, 17.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XV. No. 5.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SECTY.
G. H. WILSON, M.D., MERIDEN
R. S. GOODWIN, M.D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MAY, 1901.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of May, 1901, and a Statement of the Births and Marriages for the Month of April, 1901.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900	Living Births in April.	Still Births in Apr.	Marriages in Apr.	Total Deaths in May.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	32	----	10	14	13.2	----	2	14.2	----	----	----	----	----	----	----	----	1	----	----	----	----	3	3	----	2	1	----	4
Branford,	5,706	13	----	2	8	16.8	3	1	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	1	----	5
Bridgeport,	70,996	167	7	55	86	14.0	13	10	26.7	----	----	1	----	----	1	----	----	1	1	----	1	1	6	12	2	8	5	6	41
Bristol,	9,643	18	1	4	8	9.9	1	1	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	2	----	----	3
Danbury,	19,474	35	3	9	25	15.4	----	2	8.0	----	----	----	----	----	----	----	----	2	1	----	1	2	4	2	----	3	4	3	3
Derby,	7,930	23	----	4	7	10.5	2	----	28.5	----	----	----	2	----	----	----	----	----	----	----	----	----	2	----	----	----	1	----	2
East Hartford,	6,406	9	1	6	7	13.1	1	----	14.2	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	1	4
Enfield,	6,699	12	1	7	10	17.9	2	----	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	1	----	1	----	5
Greenwich,	12,172	10	1	8	16	15.7	2	1	18.7	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	3	2	1	7
Groton,	5,962	5	----	4	7	14.0	1	----	14.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	1	----	4
Hartford,	79,850	129	5	64	115	16.2	8	11	16.5	----	2	----	----	2	5	----	----	----	2	----	2	----	15	12	3	16	7	6	43
Huntington,	5,572	6	----	----	4	8.6	1	----	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	2
Killingly,	6,835	17	2	6	7	12.2	1	----	14.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	3	----	3
Manchester,	10,601	18	1	4	13	14.7	4	3	53 8	----	4	----	----	----	1	----	----	----	----	----	----	----	----	1	----	2	----	1	4
Meriden,	28,695	57	2	17	30	12.5	4	----	13.3	----	----	----	1	----	----	----	----	----	----	----	----	----	5	1	1	3	3	1	15
Middletown,	17,486	20	----	14	28	13.0	2	1	10.7	----	----	----	----	----	----	----	----	----	----	----	1	1	3	1	----	5	4	1	12
Naugatuck,	10,541	16	----	9	11	12.5	4	----	36 3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	4	1	1	4
New Britain,	28,202	51	2	25	37	15.7	11	3	37.8	----	----	1	----	----	1	----	----	1	----	----	----	----	5	2	1	5	4	2	15
New Haven,	108,027	224	11	92	148	15.9	25	8	22.2	----	5	1	----	1	----	1	1	18	1	----	3	----	23	9	3	16	9	7	50
New London,	17,548	22	1	6	21	14.3	2	3	23.8	----	----	----	----	----	2	----	----	----	----	----	----	----	----	1	1	2	3	2	10
Norwalk,	19,932	29	3	12	27	16.2	3	1	14.8	----	----	----	----	----	1	----	----	----	----	----	----	2	5	3	----	7	2	----	7
Norwich,	24,637	43	1	23	31	15.0	5	3	25.8	----	1	----	1	----	2	----	----	1	1	----	----	----	5	3	2	4	2	1	8
Orange,	6,995	12	----	4	6	10.2	1	1	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	3	----	----	2
Putnam,	7,348	13	----	7	10	16.3	1	1	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	4	----	----	----	2	----	4
Southington,	5,890	8	1	3	8	16.2	----	3	37.5	----	----	----	----	----	----	----	----	----	1	----	----	----	1	1	1	2	1	----	1
Stamford,	18,839	25	----	13	16	10.1	3	----	18.7	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	3	3	2	7
Stonington,	8,540	13	----	3	7	9 8	2	----	28.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	3
Thompson,	6,442	12	6	3	4	7.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	----	2
Torrington,	12,453	27	2	9	12	11.5	3	----	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	4	----	----	3	----	2	3
Vernon,	8,483	9	1	12	8	11.3	3	----	37.5	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	3	----	1	3
Wallingford,	9,001	18	2	5	14	18.6	1	2	21.4	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	3	5	----	4
Waterbury,	51,139	104	8	48	58	13 6	7	4	18.9	----	1	----	----	----	3	----	1	----	----	----	1	1	4	7	1	7	4	2	26
Winchester,	7,763	11	----	6	6	9.2	1	----	16.6	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	1	1	2
Windham,	10,137	18	----	6	13	15.3	3	1	30.7	----	1	----	----	1	----	----	----	----	----	----	----	----	3	----	----	2	3	1	2
Total of the 34 above towns,	668 616	1226	62	500	822	14.7	120	62	22.1	----	14	3	4	4	17	1	2	24	7	----	9	7	106	65	17	112	76	44	310
130 towns of less than 5,000 inhabitants,	234,637	346	18	141	234	11.9	20	12	13.6	----	4	1	7	----	4	2	----	----	----	----	----	1	16	17	6	37	27	12	97
Total reported from 164 towns,	903,253	1572	80	641	1056	14.0	140	74	20.2	----	18	4	11	4	21	3	2	24	7	----	12	8	122	82	23	149	103	56	407
Population of towns not reporting,	5,102																												

The Mortality in Public Institutions of the State were:-in Bridgeport, 12; in Hartford, 26; in Middletown, 11; and in New Haven, 28. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in May: Ashford, Bethlehem, Bolton, Brooklyn, Cheshire, Columbia, Coventry, Eastford, Easton, Franklin, Goshen, Hampton, Hartland, Killingworth, Mansfield, Marlborough, Middlefield, New Canaan, New Fairfield, Newington, Oxford, Roxbury, Scotland, Southbury, South Windsor, Sterling, Union, Warren, Willington, Wolcott—30.

The Registrars of the following towns have made no report for May: Colchester, North Canaan, Salem, Weston—4.

REMARKS.

By Mortality Reports received, there were 1056 deaths during the month of May. This was 197 less than in April, and 174 less than in May of last year, and 85 less than the average number of deaths in May for the five years preceding.

	1901	1900	1899	1898	1897	1896
January,	1439	1367	1565	1153	1123	1121
February,	1381	1261	1192	1026	1142	1094
March,	1441	1691	1221	1272	1369	1288
Total 1st quarter,	4261	4319	3978	3451	3634	3503
April,	1253	1678	1169	1197	1212	1255
May,	1056	1230	1025	1138	1109	1203

The death rate was 14.7 for the large towns, for the small towns 11.9, and for the whole State 14.0.

The deaths reported from infectious diseases were 114, being 10.7 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Small Pox—Bridgeport, 3; Greenwich, 7.—Total, 10 in 2 towns.

Measles—Ansonia, 1; Bozrah, 9; Branford, 4; Bridgeport, 1; Burlington, 5; Canterbury, 3; Canton (epidemic), 40+; Chaplin, 1; Cheshire, 1; Chester, 1; Colchester, 6; Coventry, 1; East Hartford, 4; East Haven, 1; Enfield, 5; Franklin, 3; Greenwich, 12; Hamden, 15; Hampton, 2; Hartford, 71; Huntington, 5; Jewett City (borough), 6; Lebanon, 1; Ledyard, 20+; Lyme, 4; Meriden (city), 4; Montville, 30+; New Haven, 88; New London, 1; North Stonington, 3; Norwich (city), 100+; Norwich (town), 24; Orange, 21; Redding, 15+; Ridgefield, 11; Stamford (city), 1; Tolland, 1; Vernon, 30; Weston, 5; Waterbury (city), 1; Willimantic (city), 38; Wilton, 3; Windham, 1.—Total, 600+ in 41 towns.

Scarlet Fever—Ansonia, 1; Berlin, 1; Branford, 2; Bridgeport, 19; Bristol, 1; Cheshire, 5; Clinton, 2; Danbury (city), 2; Danbury (town), 2; Derby, 3; East Hartford, 3; Enfield, 2; Greenwich, 1; Hartford, 13; Killingly, 2; Madison, 2; Meriden (city), 3; Meriden (town), 4; Middletown, 6; Naugatuck, 5; New Britain (city), 13; New Britain (town), 1; New Haven, 10; New London, 3; New Milford, 1; Norwalk (city), 2; Norwich (city), 3; Norwich (town), 3; Plymouth, 3; Putnam, 3; Redding, 2; Rockville (city), 1; Salisbury, 1; Sherman, 1; Sharon, 1; Simsbury, 1; South Norwalk (city), 1; Stratford, 1; Vernon, 1; Wallingford, 1; Waterbury (city), 3; Watertown, 2; Westport, 1; Willimantic (city), 1; Woodstock, 1.—Total, 140 in 40 towns.

Cerebro Spinal Fever—Hartford, 2.

Diphtheria and Croup—Bridgeport, 4; Bristol, 1; Colchester, 2; Derby, 1; East Haddam, 1; East Hartford, 4; Ellington, 1; Fairfield, 2; Farmington, 1; Glastonbury, 1; Greenwich, 3; Hartford, 29; Manchester, 4; Milford, 2; New Britain (city), 1; New Haven, 3; New London, 5; Newington, 2; North Haven, 2; Norwalk (city), 5; Norwich (city), 2; Orange, 1; Plainville, 2; Redding, 4; Ridgefield, 2; Shelton (borough), 1; South Windsor, 1; Stonington, 1; Suffield, 1; Waterbury (city), 3; Waterbury (town), 3; Westport, 1.—Total, 76 in 31 towns.

Whooping Cough—East Haddam (epidemic); Milford (epidemic); Redding, 12+; Thomaston (epidemic); Waterbury (city), 2. Total 14+ in 5 towns.

Typhoid Fever—Ansonia, 4; Avon, 1; Bridgeport, 1; Cromwell, 1; Danbury (city), 2; Danbury (town), 1; East Hartford, 1; Granby, 1; Hamden, 3; Hartford, 1; Middletown, 1; New Haven, 30; New London, 5; New Milford, 1; Norwich, 1; Orange, 2; Sterling, 1.—Total 57 in 16 towns.

In addition to the above, is a list of Towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Barkhamsted, Beacon Falls, Bethany, Bethel, Bethlehem, Bloomfield, Bolton, Bridgewater, Brookfield, Brooklyn, Canaan, Chatham, Colebrook, Columbia, Cromwell, Danielson (borough), Darien, Durham, East Granby, East Lyme, Easton, East Windsor, Essex, Goshen, Griswold, Groton, Guilford, Haddam, Harwinton, Hebron, Kent, Killingworth, Litchfield, Mansfield, Marlborough, Middlebury, Monroe, Morris, New Canaan, New Hartford, Newtown, Norfolk, North Branford, North Canaan, Norwalk, Old Lyme, Old Saybrook, Oxford, Pomfret, Portland, Prospect, Rocky Hill, Roxbury, Salem, Saybrook, Scotland, Sherman, Somers, Southbury, Southington, Stafford, Stafford Springs (borough), Stamford, Stonington (borough), Torrington, Trumbull, Union, Voluntown, Warren, Westbrook, West Hartford, Wethersfield, Willington, Winchester, Windsor, Winsted (borough), Wolcott, Woodbridge, Woodbury.—Total, 79.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Burlington, 1; Canton, 3.—Total, 4,

Scarlet Fever—Redding, 1.

La Grippe—East Granby, 1; East Haddam, 1; Essex, 1; Lebanon, 1; Litchfield, 1; Saybrook, 1; Voluntown, 1.—Total, 7.

Diphtheria and Croup—Ellington, 1; Fairfield, 2; Suffield, 1.—Total 4.

Whooping Cough—Burlington, 1; Fairfield, 1.—Total, 2.

All the Health Officers of New Haven and Tolland Counties have reported.

But the Health Officers of the following towns have not reported:

HARTFORD CO.—Hartland, Windsor Locks.

NEW LONDON CO.—Lisbon, Preston, Sprague, Waterford.

FAIRFIELD CO.—New Fairfield.

WINDHAM CO.—Eastford, Plainfield, Thompson.

LITCHFIELD CO.—Washington.

MIDDLESEX CO.—Middlefield.

RECENT LEGISLATION.

The Medical Practice Act has been amended by the General Assembly of 1901, in the following particulars: The examinations are fixed at three specified dates annually, at such places as the committees may designate, and such additional meetings may be held as they may determine. The fee for examination is raised to $15 for general practice, but retained at $10 for examination for midwifery only.

No person is eligible for examination for general practice unless he has received a diploma from some legally incorporated Medical College.

If an applicant for examination in the practice of midwifery does not understand the English language, the examination may be conducted through an interpreter of the language which the applicant understands; the applicant paying the expenses of the interpreter, and furnishing proof to the Committee of the ability of the interpreter to translate the language into English correctly.

The registration of any practitioner may be revoked if convicted of any crime in the practice of his profession, or of a felony.

The Assembly has also provided for a change in the method of obtaining a certificate of death. The new law only requires of the physician last in attendance upon the deceased or the Medical Examiner to certify to the full name of the deceased, the cause or causes of death, and the duration of disease, if known. The undertaker or person in charge of the burial shall fill out a blank stating the other facts now required on a death certificate, and the name of the person from whom he received the information.

The Legislature has also enacted that: No regulation of any Town Health Officer now in effect shall remain valid after the 31st of August, unless it shall have been before said day approved by the State Board of Health upon hearing held, after notice given to one of the Selectmen of the town and to the town health officer of the town and place of such hearing.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and

Superintendent of Vital Statistics.

NEW HAVEN, June 15, 1901.

METEOROLOGICAL REPORT FOR THE MONTH OF MAY 1901.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

Date	Barometer.† 8 A.M.	Barometer.† 8 P.M.	Temperature.‡ 8 A.M.	Temperature.‡ 8 P.M.	Temperature.‡ Daily Mean of Max. and Min.	Temperature.‡ Maximum.	Temperature.‡ Minimum.	Temperature.‡ Range.	Relative Humidity.‖ 8 A.M.	Relative Humidity.‖ 8 P.M.	Wind. 8 A.M. Direction from	Wind. 8 A.M. Vel. in m. per h.	Wind. 8 P.M. Direction from	Wind. 8 P.M. Vel. in m. per h.	Wind. Daily Movement.	Wind. Max. velocity for a single Mile.	Precipitation.* Am't inc. melted snow Inches and 100ths.	Character of Weather. 8 A.M.	Character of Weather. 8 P.M.	Character of Day.
1	29.89	29.95	52	49	52	58	45	13	94	79	N E	4	S E	7	146	13	.05	Cloudy	Clear	Partly Cl'dy
2	29.90	29.60	40	45	44	50	39	11	79	93	S	11	S W	7	226	22	.08	Cloudy	Light Rain	Cloudy
3	29.60	29.88	50	52	51	56	46	10	55	40	N	29	W	14	411	38	.48	Clear	Clear	Clear
4	30.02	29.87	50	59	54	64	43	21	29	45	W	12	N W	15	327	30	.0	Clear	Clear	Clear
5	29.71	29.84	58	48	57	71	43	28	44	56	N W	12	E	11	338	32	.0	Clear	Clear	Clear
6	29 95	29.87	47	49	48	56	39	17	56	80	N	8	S W	12	223	15	.0	Clear	Clear	Clear
7	29.84	29.82	56	61	58	73	43	30	62	61	S W	4	S W	9	210	25	.0	Clear	Cloudy	Clear
8	29.92	29.89	56	58	59	68	50	18	62	85	S	7	S	4	148	15	.0	Clear	Light Rain	Cloudy
9	29.99	29.98	59	58	58	65	52	13	62	94	E	11	N E	10	242	24	.07	Cloudy	Heavy Rain	Cloudy
10	30.01	29.75	56	57	56	62	50	12	90	100	N E	12	E	30	289	35	1.80	Cloudy	Cloudy	Cloudy
11	29.70	29.71	52	53	58	65	50	15	97	97	S	12	S	7	260	19	.28	Cloudy	Clear	Partly Cl'dy
12	29.73	29.75	59	59	60	69	52	17	94	70	S	3	S	15	249	20	T	Sprinkling	Partly Cl'dy	Partly Cl'dy
13	29.79	29.85	48	56	56	65	47	18	96	75	N	5	S W	13	232	26	.27	Light Rain	Partly Cl'dy	Partly Cl'dy
14	30.10	30.09	54	56	56	66	46	20	63	88	S	7	S	8	224	22	.0	Clear	Cloudy	Partly Cl'dy
15	30.14	30.09	58	62	60	68	52	16	64	78	N E	9	S	6	132	13	.0	Clear	Clear	Clear
16	30.17	30.10	60	62	61	71	51	20	55	59	N	9	S	7	176	13	.0	Foggy	Cloudy	Partly Cl'dy
17	30.09	29.95	52	58	58	66	49	17	97	72	S E	5	S	7	156	14	.0	Cloudy	Light Rain	Cloudy
18	29.87	29.78	51	50	52	54	49	5	94	96	S E	9	N E	8	217	19	.31	Cloudy	Cloudy	Cloudy
19	29.83	29.83	49	50	49	51	47	4	96	93	N	10	N	18	341	25	.43	Misting	Cloudy	Cloudy
20	29.96	30.06	48	50	50	52	47	5	86	87	N E	20	N E	10	370	28	.0	Cloudy	Clear	Clear
21	30.13	30.05	52	58	56	66	47	19	87	83	N E	4	S	6	173	14	.0	Cloudy	Cloudy	Partly Cl'dy
22	30.06	29.92	53	59	58	67	48	19	97	87	S	4	S E	6	148	13	.0	Cloudy	Partly Cl'dy	Clear
23	29.78	29.80	68	73	68	80	56	24	85	53	W	9	W	6	214	18	.38	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
24	29.90	29 93	65	55	64	78	50	28	68	100	S	5	N	26	217	29	.06	Clear	Heavy Rain	Cloudy
25	30.10	30.18	48	48	48	52	45	7	96	93	N E	20	N	9	326	26	.61	Misting	Cloudy	Cloudy
26	30.15	30.01	51	48	50	57	44	13	71	86	N E	8	E	11	246	18	.02	Cloudy	Light Rain	Cloudy
27	29.80	29.56	48	53	50	56	45	11	93	100	N E	12	N	15	343	28	1.18	Cloudy	Light Rain	Cloudy
28	29.54	29.71	56	57	58	65	50	15	80	88	N	12	S E	6	220	17	.04	Cloudy	Cloudy	Cloudy
29	29.81	29.80	54	52	54	59	50	9	84	97	N E	12	E	4	191	18	.29	Cloudy	Light Rain	Cloudy
30	29.86	29.84	50	54	54	59	48	11	93	—	N E	3	S E	6	134	10	.03	Cloudy	Cloudy	Cloudy
31	29.82	29.77	53	56	54	60	48	12	96	82	S E	6	S E	1	126	13	T	Cloudy	Clear	
Month Ave's.	29.91	29.88	53	55	55	63	48	15	78	81	N E	10	S	10	234	38	Total, 6.38			

SUMMARY.

Barometer.

Monthly Mean, 29.90 inches.

Highest, 30.18 in.; Date, 25th.

Lowest, 29.54 in.; Date, 28th.

Monthly range, .64 inches.

Temperature.

Monthly Mean, 55 degrees.
Highest, 80 degrees; Date, 23d.
Lowest, 39 degrees; Date, 6th.
Absolute range, 41 degrees.
Greatest daily range, 30 degrees; Date, 7th.
Least daily range, 4 deg.; Date, 19th.
Mean daily range, 15 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 138 degrees.

Wind.

Prevailing direction, S.
Mean hourly velocity, 10 miles.
Max. velocity and direction 35 W; Date, 3rd.
Total monthly movement, 7,255 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 19.
*Greatest 24 hour precipitation, (in. and 100ths). 1.97; Date, 9th and 10th.
Total monthly precipitation, (in. and 100ths), 6.38 in.
Total depth of snowfall (inches and 10ths), .0 in. Dates of Thunder Storms, 12th, 13th, 24th.
Accumulated excess of precipitation since Jan. 1st, 3.34 inches.

Compar. Temp. (Mon. Mean.)

1873	56 deg.	1888	56 deg.
1874	56 "	1889	60 "
1875	57 "	1890	57 "
1876	58 "	1891	56 "
1877	58 "	1892	56 "
1878	57 "	1893	57 "
1879	59 "	1894	58 "
1880	64 "	1895	59 "
1881	58 "	1896	62 "
1882	51 "	1897	58 "
1883	57 "	1898	56 "
1884	56 "	1899	57 "
1885	55 "	1900	58 "
1886	57 "	1901	55 "
1887	61 "		

Com. Rainfall. (Inches and 100ths.)

1873	6.27	1888	6.03
1874	4.92	1889	3.81
1875	2.71	1890	4.24
1876	3.12	1891	1.92
1877	2.14	1892	5.11
1878	3.75	1893	7.08
1879	3.22	1894	4.49
1880	1.24	1895	1.70
1881	3.89	1896	3.67
1882	5.05	1897	5.03
1883	4.52	1898	8.03
1884	3.32	1899	2.52
1885	2.61	1900	3.30
1886	2.74	1901	6.38
1887	.18		

Monthly mean humidity, 79 per cent. Monthly mean dew point, 47. Number of clear days, 9. Number of fair days, 8. Number of cloudy days, 14.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XV. No. 6.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M D., NEW HAVEN, SEC'Y.
G. H. WILSON, M.D., MERIDEN.
R. S. GOODWIN, M D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JUNE, 1901.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of June, 1901, and a Statement of the Births and Marriages for the Month of May, 1901.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in May.	Still Births in May.	Marriages in May.	Total Deaths in June.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	36	1	11	16	15.1	2	1	18.7										1				2	1		2	1	1	8
Branford,	5,706	15		5	3	6.3	2		66.6															1	1	1			
Bridgeport,	70,996	144	7	58	78	12 9	20	6	33.3						1			1			7		14	4	1	5	5	11	29
Bristol,	9,643	23	1	5	5	6.2	1		20.0												1		1				1		2
Danbury,	19,474	32	1	9	23	13.9	3		13.0												1	1	2		2	7	2	2	6
Derby,	7,930	16		5	8	12.1	1	3	37.5						1									1				2	4
East Hartford,	6,406	16		5	7	13.1									1							1				1	1	3	
Enfield,	6,699	11	2	6	9	16.1	1	3	33.3		2												2	2					3
Greenwich,	12,172	9	3	1	9	8.8	1		11.1											1			1	1		2	2		2
Groton,	5,962	9		3	4	8.0							1										1			1		1	
Hartford,	79,850	134	5	35	121	16.2	14	16	24.6		2				5			3	1				9	6	2	16	11	9	57
Huntington,	5,572	11		3	3	6.4											1												2
Killingly,	6,835	10	1	6	6	10.5								1										1			2		2
Manchester,	10,601	31		5	13	14.7		1	7.6										2				1	1		1	3	1	4
Meriden,	28,695	57	2	16	31	12.9	6	3	29.0				1						1			1	1	4	1	2	4	1	2	14
Middletown,	17,486	16		11	23	10.2	4	2	26 0														6	1	1	3	2		10
Naugatuck,	10,541	37	2	5	6	6.8	2	2	66.6													2						1	3
New Britain,	28,202	53	3	19	25	10.6	5	1	24 0						1			1					4		1	1	2		15
New Haven,	108,027	235	13	74	134	14.6	23	13	26.8		6				4		1	7	1		6	3	21	5	2	15	11	7	45
New London,	17,548	17	1	5	24	16 4	5		20.4												1		3	1		3	1	3	12
Norwalk,	19,932	22	2	12	20	12 0	3		15.0						1			1	1				2	2		2	2	1	8
Norwich,	24,637	32	4	12	34	16.5	3	5	23.5		2				1				3			1	4	3	2	1	1	1	15
Orange,	6,995	12		2	7	12.0	2	1	42.8														1			2	1		3
Putnam,	7,348	13	1	7	7	11.4	1		14.2												1					1			5
Southington,	5,890	15		1	6	12.2	1		16.6														1				1	1	2
Stamford,	18,839	40	3	4	22	14.0	2	2	18.1												1		3	1		5	2	2	8
Stonington,	8,540	15	1	2	9	12.6	1		11.1													1	1			4			3
Thompson,	6,442	11	1	4	6	11.1	2	1	16.6												1		1				1		3
Torrington,	12,453	34	1	10	14	13.4	3		21 4						1								4			3		2	4
Vernon,	8,483	19		3	4	5.6	2		50.0															1		1			2
Wallingford,	9,001	16		2	3	4.0																							3
Waterbury,	51,139	117	4	33	64	15.0	20	10	46.8					2	1	2		2			3	2	6	6	3	4	4	3	26
Winchester,	7,763	8		4	9	13.9																		1		4	2	1	1
Windham,	10,137	16		5	14	16.5	1	1	14.2		2												2	1		1	4	1	3
Total of the 34 above towns,	668 616	1282	59	388	767	13.7	131	71	26.3		14		2	3	17	2	2	15	11		22	12	96	41	17	91	63	55	304
131 towns of less than 5,000 inhabitants,	236,653	318	19	88	255	12.9	18	12	11.7		2			1	6	2			2		1	4	34	12	10	29	35	19	98
Total reported from 165 towns,	905,269	1600	78	476	1022	13.5	149	83	22.7		16		2	4	23	4	2	15	13		23	16	130	53	27	120	98	74	402
Population of towns not reporting,	3,086																												

The Mortality in Public Institutions of the State were: in Bridgeport, 6; in Hartford, 27; in Middletown, 8; and in New Haven, 16. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in June: Andover, Avon, Berlin, Bloomfield, Bridgewater, Brookfield, Canaan, Chaplin, Chester, Clinton, Columbia, Cromwell, East Granby, Easton, Franklin, Granby, Hampton, Hartland, Hebron, Kent, Killingworth, Lisbon, Lyme, Marlborough, Middlebury, Middlefield, Monroe, Morris, North Stonington, Plainville, Prospect, Roxbury, Somers, Southbury, Union—35.

The Registrars of the following towns have made no report for June: Bethlehem, Canterbury, Saybrook—3.

REMARKS.

By Mortality Reports received, there were 1022 deaths during the month of June. This was 34 less than in May, and 99 less than in June of last year, and 24 less than the average number of deaths in June for the five years preceding.

	1901	1900	1899	1898	1897	1896
January,	1439	1367	1565	1153	1123	1121
February,	1381	1261	1192	1026	1142	1094
March,	1441	1691	1221	1272	1369	1288
Total 1st quarter,	4261	4319	3978	3451	3634	3503
April,	1253	1678	1169	1197	1212	1255
May,	1056	1230	1025	1138	1109	1203
June,	1022	1121	1048	984	978	1099
Total 2d quarter,	3331	4029	3242	3319	3299	3557

The death rate was 13.7 for the large towns, for the small towns 12.9, and for the whole State 13.5.

The deaths reported from infectious diseases were 118, being 11.5 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Small Pox—Bridgeport, 1; Chatham, 2; Glastonbury, 1; New Haven, 2; Thompson, 2.—Total, 8 in 5 towns.

Measles—Bozrah, 1; Bridgeport, 1; Canton, 6; Cheshire, 2; Clinton, 1; Colchester, 1; Coventry, 4; East Hartford, 3; East Haven, 1; East Lyme, 1; Enfield, 28; Franklin, 2; Granby, 1; Greenwich, 3; Groton, 1; Hartland, 1; Lebanon, 17; Ledyard, 2; Mansfield, 5; Monroe, 1; Montville (epidemic); New Hartford, 8; New Haven, 66; New London, 2; New Milford, 1; Norwich (city), 100+; (town), 22; Preston, 18; Saybrook, 3; Stafford Springs (borough), 2; Stamford (city), 1; Stonington, 4; Torrington, 1; Vernon, 38; Wallingford, 4; Waterford, 1; Weston, 1; Willimantic (city), 57; Willington, 5; Windham, 5; Windsor Locks, 1; Woodstock, 1.—Total, 423+ in 40 towns.

Scarlet Fever—Branford, 6; Bridgeport, 27; Brooklyn, 1; Cromwell, 1; Danbury (city), 4; Derby, 5; East Hartford, 1; East Windsor, 1; Farmington, 4; Greenwich, 1; Groton, 1; Hamden, 2; Hartford, 7; Madison, 1; Middletown, 3; Naugatuck, 3; New Britain (city), 13; New Britain (town), 1; New Haven, 9; New Milford, 2; Norwalk, 1; Norwich, 1; Plainfield, 1; Putnam, 4; Redding, 1; Saybrook, 3; Seymour, 10; South Windsor, 1; Waterbury (city), 5; Waterbury (town), 1; West Hartford, 1; Winchester, 1; Woodstock, 1.—Total, 124 in 32 towns.

Cerebro Spinal Fever—Darien, 1; Newington, 1.—Total, 2 in 2 towns.

Diphtheria and Croup—Bethel, 2; Branford, 1; Bridgeport, 6; Canton, 6; Danbury (city), 4; East Hartford, 4; Essex, 1; Fairfield, 5; Greenwich, 3; Hartford, 27; Manchester, 2; Milford, 1; New Britain (city), 2; New Haven, 4; Newington, 1; New London, 1; North Haven, 2; Norwalk, 2; Old Lyme, 1; Preston, 2; Redding, 2; Rockville (city), 1; Rocky Hill, 1; Shelton (borough), 1; South Windsor, 1; Stonington, 1; Suffield, 1; Tolland, 4; Waterbury (city), 6; Windsor, 5; Windsor Locks, 1.—Total, 101 in 31 towns.

Whooping Cough—Branford (several cases); Chester, 4; East Haddam, 8+; East Hartford, 1; Fairfield (several cases); Plymouth, 4+; Redding, 3; Thomaston (epidemic); Waterbury (city), 3. Total, 23+ in 9 towns.

Typhoid Fever—Avon, 1; Bridgeport, 3; Danbury (city), 2; Enfield, 1; Hartford, 3; Hebron, 1; New Haven, 19; Torrington, 3; Waterbury (city), 1; West Hartford, 1—Total, 35 in 10 towns.

In addition to the above, is a list of Towns whose Health Officers report that they have not been notified of any Infectious diseases:

Andover, Ansonia, Ashford, Barkhamsted, Beacon Falls, Berlin, Bethany, Bethlehem, Bloomfield, Bolton, Bridgewater, Bristol, Brookfield, Burlington, Canaan, Canterbury, Chaplin, Columbia, Cornwall, Danbury, Danielson (borough), Durham, Eastford, East Granby, Easton, Ellington, Goshen, Griswold, Guilford, Haddam, Hampton, Harwinton, Huntington, Jewett City (borough), Kent, Killingly, Killingworth, Lisbon, Litchfield, Lyme, Marlborough, Meriden (city), Meriden, Middlebury, Middlefield, Morris, New Canaan, New Fairfield, Newtown, Norfolk, North Branford, North Canaan, North Stonington, Norwalk (city), Old Saybrook, Orange, Oxford, Plainville, Pomfret, Portland, Prospect, Roxbury, Salisbury, Sharon, Sherman, Somers, Southbury, Southington, South Norwalk (city), Sprague, Stafford, Stamford, Sterling, Stonington (borough), Stratford, Trumbull, Union, Voluntown, Warren, Watertown, Westbrook, Westport, Wethersfield, Wilton, Winsted (borough), Wolcott, Woodbridge, Woodbury.—Total, 87.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Canton, 1; New Hartford, 1.—Total, 2,

Cerebro Spinal Fever—Darien, 1.

Diphtheria and Croup—Fairfield, 1; Milford, 1; Redding, 1; Tolland, 1; Windsor, 1; Windsor Locks, 1.—Total, 6.

Whooping Cough—East Haddam, 1; Milford, 1.—Total, 2.

All the Health Officers of New Haven and Tolland Counties have reported.

But the Health Officers of the following towns have not reported:

HARTFORD CO.—Simsbury.

NEW LONDON CO.—Salem.

FAIRFIELD CO.—Ridgefield.

WINDHAM CO.—Scotland.

LITCHFIELD CO.—Colebrook, Washington.

MIDDLESEX CO.—Chatham.

SMALL POX IN CONNECTICUT.

In view of the fact that small pox has been unusually prevalent throughout the country for more than a year, and that it has been especially prevalent in the city of New York, with which we are so closely connected, since last winter, it is worthy of attention that so few cases have occurred in Connecticut.

Since January 1st, 1901, only 34 cases have been reported in the state. Nearly all these cases were imported from New York. The sanitary administration is so thoroughly in hand throughout the state, the local health officers so alert and well informed, that it has rarely happened that a secondary case has been permitted. The special exemption of Connecticut from the disease, notwithstanding the constant exposure to victims of the disease on our railroads and elsewhere, can only be explained by the general practice of vaccination among our citizens. This explanation is further confirmed by the fact that most of the subjects of the disease were never vaccinated, or not for many years, and still further by the fact that a large number were Italians, who have a prejudice against vaccination. The largest measure of safety from small pox is by the protective power of vaccination.

THE NEW FORM OF DEATH CERTIFICATES.

By a recent act of the General Assembly, the physician last in attendance upon a person in his last sickness, will be relieved hereafter of the duty of certifying to certain facts relating to the family history of the decedent, heretofore required of him, and will only be required to give the full name of the decedent, the cause or causes of death and the duration of the disease if known. The same only is required of the Medical Examiner in cases in which he has cognizance. The physician shall prepare such certificate within 24 hours after the death of his patient, and it is further enacted that he shall provide that the said certificate **"may be obtained at his office upon application therefor."** The last provision will, it is hoped, prevent the delays and annoyances which undertakers have much complained of, due to the neglect of physicians to provide the death certificate necessary to obtain a burial permit. It was chiefly to meet this difficulty that the law was suggested and enacted.

The Undertaker or person in charge of the burial shall ascertain and report to the Registrar the other facts relating to age, sex, color, etc., of the decedent, and the source of such information.

Any person who shall violate any provisions of this act shall be fined not more than $25.00.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and

Superintendent of Vital Statistics.

NEW HAVEN, July 15, 1901.

METEOROLOGICAL REPORT FOR THE MONTH OF JUNE 1901.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.78	29.83	54	58	56	64	47	18	88	85	N	10	S E	3	149	15	.01	Cloudy	Cloudy	Cloudy
2	29.92	29.88	54	55	58	62	53	9	88	99	S E	7	E	8	164	17	.01	Cloudy	Misting	Partly Cl'dy
3	29.81	29.85	61	65	63	72	54	18	70	56	W	12	W	5	228	24	.01	Clear	Cloudy	Clear
4	29.92	29.90	65	72	66	79	54	25	62	49	N W	10	N W	5	210	20	.0	Clear	Clear	Clear
5	30.05	30.02	70	70	70	81	59	22	48	55	N W	7	S W	4	194	20	.0	Clear	Clear	Clear
6	30.04	29.97	67	67	70	79	60	19	71	74	S	8	S W	10	224	20	.0	Clear	Clear	Clear
7	29.87	29.76	63	63	64	72	57	15	87	97	S	7	S W	3	223	20	.15	Cloudy	Misting	Cloudy
8	29.82	29.88	59	58	62	68	55	13	62	56	N W	9	W	12	263	26	.06	Clear	Clear	Clear
9	29.98	29.94	56	64	61	70	52	18	54	47	N	10	W	4	313	30	.0	Clear	Clear	Clear
10	30.13	30.09	59	70	64	76	52	24	49	46	W	12	W	2	238	20	.0	Clear	Clear	Clear
11	30.19	30.12	67	65	64	76	52	24	45	66	N W	4	S	5	114	8	.0	Clear	Cloudy	Clear
12	30.11	30.10	64	73	70	82	58	24	79	82	S	5	S E	3	96	10	.0	Clear	Clear	Clear
13	30.22	30.20	68	66	70	80	60	20	65	71	N E	8	S E	6	211	22	.0	Clear	Clear	Clear
14	30.10	29.93	63	73	68	78	59	19	97	86	S E	5	S W	8	129	14	.0	Cloudy	Cloudy	Cloudy
15	30.07	30.11	59	56	58	61	55	6	73	82	N E	20	E	6	192	32	T	Cloudy	Cloudy	Cloudy
16	30.11	30.06	61	60	62	69	54	15	58	53	N E	16	S	6	195	17	.0	Clear	Clear	Clear
17	30.06	29.98	62	65	59	71	47	24	54	56	N E	8	S	7	161	12	.0	Clear	Clear	Clear
18	30.03	29.97	64	63	61	72	50	22	53	55	S	4	S E	5	142	17	.0	Clear	Clear	Clear
19	30.02	30.11	64	64	60	72	47	25	58	77	N E	4	S	10	170	16	.0	Clear	Clear	Clear
20	30.20	30.15	64	64	62	72	51	21	79	56	S E	7	S	13	205	19	T	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
21	30.09	30.02	64	68	66	72	61	11	85	95	S	9	S	8	190	14	T	Cloudy	Clear	Partly Cl'dy
22	29.96	29.82	65	70	72	79	64	15	100	90	S	6	S E	5	129	9	T	Foggy	Partly Cl'dy	Partly Cl'dy
23	29.74	29.72	71	71	75	87	63	24	79	86	S W	3	N W	2	141	15	.01	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
24	29.81	29 89	73	77	74	84	65	19	61	61	N	9	N	4	227	23	.0	Clear	Clear	Clear
25	30.05	30.04	73	72	72	82	63	19	65	75	S E	3	S W	6	180	16	.0	Clear	Clear	Clear
26	30.12	30.12	78	78	77	89	65	24	63	70	N	6	S	5	129	13	.0	Clear	Clear	Clear
27	30.08	29.97	76	76	79	89	69	20	78	72	S W	4	S W	7	180	23	T	Clear	Clear	Clear
28	29.94	29.88	77	77	81	92	70	22	79	74	S W	9	S W	7	218	22	.0	Clear	Clear	Clear
29	29.88	29.80	73	76	78	86	70	16	84	82	S	6	S	7	210	19	.0	Clear	Clear	Clear
30	29.88	29.88	82	85	82	94	70	14	70	50	S	2	S W	8	160	15	.0	Clear	Clear	Clear
31																				
Month Ave's.	30.00	29.97	66	68	67	77.	58	19	70	70	S	8	S S W	6	186	32	Total, .25			

SUMMARY.

BAROMETER.

Monthly Mean, 29.98 inches.

Highest, 30.22 in.; Date, 13th.

Lowest, 29.72 in.; Date, 23d.

Monthly range, .50 inches.

TEMPERATURE.

Monthly Mean, 67 degrees.
Highest, 94 degrees; Date, 30th.
Lowest, 47 degrees; Date, 19th.
Absolute range, 47 degrees.
Greatest daily range, 25 degrees; Date, 19th.
Least daily range, 6 deg.; Date, 15th.
Mean daily range, 19 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 133 degrees.

WIND.

Prevailing direction, S.
Mean hourly velocity, 8 miles.
Max. velocity and direction 30 E; Date, 15th.
Total monthly movement, 5,585 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 11.
*Greatest 24 hour precipitation, (in. and 100ths). .21; Date, 7th.
Total monthly precipitation, (in. and 100ths), .25 in.
Total depth of snowfall (inches and 10ths), 0 in.
Dates of thunder storms, 5th, 18th, 20th.
Accumulated excess of precipitation since Jan. 1st, .64 inches.

COMPAR. TEMP. (Mon. Mean.)

1873	67 deg.	1888	68 deg.
1874	67 "	1889	67 "
1875	66 "	1890	66 "
1876	71 "	1891	66 "
1877	68 "	1892	69 "
1878	65 "	1893	66 "
1879	67 "	1894	68 "
1880	65 "	1895	68 "
1881	62 "	1896	65 "
1882	66 "	1897	64 "
1883	68 "	1898	67 "
1884	67 "	1899	69 "
1885	65 "	1900	68 "
1886	63 "	1901	67 "
1887	62 "		

COM. RAINFALL. (Inches and 100ths.)

1873	2.07	1888	2.15
1874	3.41	1889	3.17
1875	3.50	1890	3.12
1876	1.86	1891	1.90
1877	6.17	1892	2.36
1878	2.62	1893	2.07
1879	4.62	1894	.49
1880	1.21	1895	2.41
1881	5.15	1896	2.96
1882	2.74	1897	2.47
1883	1.83	1898	.21
1884	5.26	1899	2.59
1885	1.43	1900	1.79
1886	2.84	1901	.25
1887	5.62		

Monthly mean humidity, 70 per cent. Monthly mean dew point, 56. Number of clear days, 22. Number of fair days, 5. Number of cloudy days, 3.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XV. No. 7.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
R. S. GOODWIN, M.D., THOMASTON.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JULY, 1901.

Entered at the Post Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of July, 1901, and a Statement of the Births and Marriages for the Month of June, 1901.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in June.	Still Births in June.	Marriages in June.	Total Deaths in July.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	15	3	13	18	17.0	7	1	44.4												4	1	1			1	1	3	7
Branford,	5,706	12		6	7	14.7	1		14.2						1								1			1		2	2
Bridgeport,	70,996	154	5	85	115	19.1	38	12	43.4			1	2	1	1			2			27	3	13		3	9	15	5	33
Bristol,	9,643	13	1	19	11	13.6	1	1	18.1														3	1		1	1	1	4
Danbury,	19,474	32	1	11	18	11.0	3		16.6												2	1	3	1	1	3		1	6
Derby,	7,930	10		15	11	16.6	3		27.2														1	1		1	2	2	4
East Hartford,	6,406	11	2	7	16	29.9	7	1	50.0												3		2			4	1		6
Enfield,	6,699	13	1	7	15	26.8	2	3	33.3		1								1		3					3	1		6
Greenwich,	12,172	12	2	8	10	9.8	3		30.0												2		1	1	1			2	3
Groton,	5,962	12	1	5	5	10.0	1		20.0																	1			4
Hartford,	79,850	127	5	105	117	16.9	34	10	37.6					1	2			3	1		18	2	7	5		16	3	4	55
Huntington,	5,572	10	1	1	6	12.9	2		33.3																	1		2	3
Killingly,	6,835	12	1	3	9	15.8	2		22.2												1	1	1				2		4
Manchester,	10,601	12		14	10	11.3	3	2	50.0												2					1			7
Meriden,	28,695	56		43	33	13.7	8	4	36.3									1	2		7	1	6			4	1	1	10
Middletown,	17,486	14		12	27	8.9	1		3.7												1		4	3		5	4	1	9
Naugatuck,	10,541	24		14	10	11.3	5		50.0												2		1			1		1	5
New Britain,	28,202	63		27	39	16.5	15	5	51.2											1	12	1	3	1		6	1	2	12
New Haven,	108,027	232	8	141	207	22.2	61	19	38.6		1					3	3	5	4		46	8	16	5	1	22	12	11	70
New London,	17,548	28	1	27	27	18.4	3	4	25.9							1					2		7	2		2	2	4	7
Norwalk,	19,932	23	1	16	23	13.8	1	1	8.6									1	1				1	1	1	3	1	3	11
Norwich,	24,637	49		34	37	18.0	13	5	48.6			4									5		3			6	2	2	15
Orange,	6,995	10		6	8	13.7		1	12.5														3			3		3	1
Putnam,	7,348	12	1	15	7	11.4	3		42.8												2	1	1				1		2
Southington,	5,890	10	1	4	7	14.2																	1			2	2		2
Stamford,	18,839	35	1	26	35	22.2	11	4	42.8									1			8	1	4	1		4	3		13
Stonington,	8,540	14		12	10	14.0	3		30.0												1		1			1		2	5
Thompson,	6,442	18		6	8	14.9	4	1	62.5					2					1				1						4
Torrington,	12,453	17	2	11	8	7.7	4		50.0														1			2		1	4
Vernon,	8,483	11	1	7	12	16.9																1				1	1	2	7
Wallingford,	9,001	21	1	8	7	9.3	2	2	57.1												3				1	1	2		
Waterbury,	51,139	98	8	58	116	27.2	33	7	34.4		1					5			1		40	1	3	4	5	13	5	4	34
Winchester,	7,763	9	1	14	10	15.4		1	10.0															2	1		2		5
Windham,	10,137	12		11	12	14.2	5		41.6												4	1	1				1		5
Total of the 34 above towns,	668,616	1201	49	791	1011	18.1	279	84	35.9		3	5	2	4	8	8		13	11	1	195	24	88	29	13	117	66	59	365
132 towns of less than 5,000 inhabitants,	237,240	346	19	146	286	14.4	44	16	21.1	1	1	3	2	2	1				3		22	6	25	2	1	30	30	28	129
Total reported from 166 towns,	905,856	1547	68	937	1297	17.1	323	100	32.6	1	4	8	4	6	9	8		13	14	1	217	30	113	31	14	147	96	87	494
Population of towns not reporting,	2,499																												

The Mortality in Public Institutions of the State were: in Bridgeport, 9; in Hartford, 25; in Middletown, 15; and in New Haven, 41. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in July: Beacon Falls, Bloomfield, Bolton, Canaan, Chaplin, Clinton, Durham, Franklin, Granby, Hartland, Kent, Killingworth, Morris, North Haven, Roxbury, Salem, Scotland, Sherman, Southbury, Warren, Wolcott—21.

The Registrars of the following towns have made no report for July: Norfolk, Willington—2.

REMARKS.

By Mortality Reports received, there were 1297 deaths during the month of July. This was 275 more than in June, and 286 less than in July of last year, and 105 less than the average number of deaths in July for the five years preceding.

	1901	1900	1899	1898	1897	1896
January,	1439	1367	1565	1153	1123	1121
February,	1381	1261	1192	1026	1142	1094
March,	1441	1691	1221	1272	1369	1288
Total 1st quarter,	4261	4319	3978	3451	3634	3503
April,	1253	1678	1169	1197	1212	1255
May,	1056	1230	1025	1138	1109	1203
June,	1022	1121	1018	984	978	1099
Total 2d quarter,	3331	4029	3242	3319	3299	3557
July,	1297	1583	1369	1225	1225	1611

The death rate was 18.1 for the large towns, for the small towns 14.4, and for the whole State 17.1.

The deaths reported from infectious diseases were 315, being 24.3 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Small Pox—Chatham, 1; East Haddam, 5; Glastonbury, 2; New Haven, 2.—Total, 10 in 4 towns.

Measles—Andover, 3; Ansonia, 1; Branford, 2; Bridgeport, 1; Canton, 1; Chaplin, 1; Cheshire, 2; Clinton, 1; Coventry, 2; East Lyme, 1; East Windsor, 31; Enfield, 6; Essex, 2; Farmington, 2; Glastonbury, 2; Greenwich, 1; Guilford, 2; Hampton, 1; Lebanon, 9; Lyme, 1; Madison, 1; Mansfield, 4; Montville (epidemic); Morris, 1; New Haven, 10; Norwich (city), 25+; (town), 3; Orange, 2; Preston, 3; Rocky Hill, 1; Southbury, 1; Stafford Springs (borough), 3; Torrington (town and borough), 3; Vernon, 12; Westbrook, 1; West Hartford, 1; West Haven (borough), 3; Willimantic (city), 30; Willington, 3; Windham, 15; Woodbridge, 5.—Total, 195+ in 37 towns.

Scarlet Fever—Bozrah, 6+; Bridgeport, 9; Derby, 2; Enfield, 1; Hamden, 1; Hartford, 6; Manchester, 1; Meriden (city), 3; Middletown, 1; Naugatuck, 2; New Britain (city), 5; New Haven, 2; Norfolk, 1; Norwich, 4; Plymouth, 1; Putnam, 4; Ridgefield, 2; Seymour, 5; South Norwalk (city), 1; Wallingford, 1; Waterbury, 1.—Total, 59 in 21 towns.

Cerebro Spinal Fever—Hartford, 1.

Diphtheria and Croup—Ansonia, 1; Branford, 2; Bridgeport, 4; Darien, 3; East Hartford, 2; East Lyme, 1; Essex, 2; Franklin, 1; Greenwich, 1; Hartford, 14; Kent, 1; Manchester, 2; Naugatuck, 1; New Britain (city), 2; New Haven, 6; New London, 2; No. Stonington, 1; Plainville, 1; Preston, 1; Rockville (city), 1; Roxbury, 1; Simsbury, 1; Southington, 1; Tolland, 3; Windham, 1; Windsor, 5; Wolcott, 2.—Total, 62 in 27 towns.

Whooping Cough—Branford (a few cases); Danielson (borough), 3+; Groton, 1; Stratford, 6; Waterbury (city), 7; Watertown, 7+.—Total, 24+ in 6 towns.

Typhoid Fever—Avon, 1; Bridgeport, 1; Bristol, 3; Cromwell, 1; Enfield, 2; Hartford, 5; Hartland, 1; Harwinton, 1; Madison, 1; Meriden (city), 2; Middlebury, 1; Middletown, 4; Naugatuck, 1; New Hartford, 2; New Haven, 21; New London, 3; Newtown, 1; Norwalk, 1; Plainfield, 1; Plainville, 1; Roxbury, 1; Stamford (city), 1; Suffield, 1; Thompson, 3; Trumbull, 1; Waterbury (city), 3; Watertown, 1.—Total, 65 in 27 towns.

In addition to the above, is a list of Towns whose Health Officers report that they have not been notified of any infectious diseases:

Ashford, Barkhamsted, Beacon Falls, Berlin, Bethany, Bethel, Bethlehem, Bloomfield, Bolton, Bridgewater, Brookfield, Brooklyn, Burlington, Canaan, Canterbury, Chester, Colchester, Colebrook, Columbia, Danbury (city and town), Durham, Eastford, East Granby, East Haven, Easton, Ellington, Fairfield, Goshen, Granby, Griswold, Haddam, Hebron, Huntington, Jewett City (borough), Killingworth, Ledyard, Lisbon, Litchfield, Marlborough, Meriden, Middlefield, Milford, Monroe, New Britain, New Canaan (town and borough), New Fairfield, Newington, New Milford, North Branford, North Canaan, North Haven, Norwalk (city), Old Lyme, Old Saybrook, Oxford, Pomfret, Portland, Prospect, Redding, Salem, Salisbury, Saybrook, Sharon, Shelton (borough), Sherman, Somers, South Windsor, Sprague, Stafford, Stamford, Sterling, Stonington (town and borough), Thomaston, Union, Voluntown, Warren, Weston, Westport, Wethersfield, Wilton, Winchester, Windsor Locks, Winsted (borough), Woodbury Woodstock.—Total, 83.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Small Pox—Glastonbury, 1.

Measles—East Windsor, 1.

Scarlet Fever—Bozrah, 2; Simsbury, 1.—Total, 3.

LaGrippe—Haddam, 1; Windsor Locks, 1.—Total, 2.

Cerebro Spinal Fever—Mansfield, 1; Portland, 1.—Total, 2.

Diphtheria and Croup—Windsor, 1.

All the Health Officers of Hartford, New Haven, Fairfield and Tolland Counties have reported.

But the Health Officers of the following towns have not reported:

New London Co.—Waterford.

Windham Co.—Killingly, Scotland.

Litchfield Co.—Cornwall, Washington.

Middlesex Co.—Westbrook.

TYPHOID FEVER AND FILTERS.

Science says that typhoid fever is eminently a *filth* disease. That it is almost universally a water-borne disease. That the infection in the water is derived from the human sewage which has polluted it.

In confirmation of the above, common observation testifies to the general practice of utilizing any available brook, river, pond or lake, as the most convenient and inexpensive way of getting rid of household wastes.

As populations increase and concentrate, the contamination of natural water increases also in corresponding ratio. Hence it is that it is almost impossible to find a water supply not exposed to pollution with human sewage. The habitual planting of typhoid germs in the drinking water of the people, will produce an annual crop of typhoid fever with the same unfailing certainty that the fertile fields of the farmer will yield a harvest after planting. The sequence of seed time and harvest is as reliable and sure in one case as the other.

Water is an indispensable necessity to man. Without it we perish. Nevertheless, with a reckless indifference to consequences, the people of Connecticut, for generations, have been steadily and increasingly polluting their sources of drinking water, until now all public supplies and most of the private wells are liable to contain the germs of disease. All surface water in Connecticut, not artificially purified, may be a vehicle of infection to those who drink it. The dead from this cause alone, in the state, are counted by hundreds and the sick by thousands.

Misplaced sewage is not peculiar to Connecticut: it has been called an American habit.

Until the public are sufficiently enlightened to demand and secure a safer way of disposing of sewage, this yearly tribute of human health and life must continue to be paid, except in instances where personal precautions are taken to avoid the danger.

These precautions consist in sterilizing the drinking water. One method is by boiling, which if done sufficiently is effective in killing the germs. Another is by filtering the water. One of the purposes of this paper is to utter a caution against the use of cheap contrivances misnamed "Filters," which are readily attachable to the water-cocks in the house. They are for the most part mere strainers and collectors of the coarser dirt in the water, but quite incompetent to exclude micro-organisms. Hence they are dangerous as giving a false sense of security, and in addition the accumulated filth in them may be a breeding place for germs.

Natural stone filters are not always trustworthy. Scientific investigations show that they are of extremely uneven porosity, frequently faulty in lines and crevices, and soon become a nidus for the multiplication of microbes, which are speedily found more abundant in the filtrate than in the original water supply.

Scientists agree that the best filters are of the "Pasteur type of filter," composed of a preparation known as "unglazed porcelain." These, too, require intelligent attention. They should be frequently cleaned by washing and brushing and sterilized by boiling. With such filters properly cared for, individuals can eliminate sewage from their water supplies and avoid that danger of infection.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and

Superintendent of Vital Statistics.

New Haven, August 15, 1901.

METEOROLOGICAL REPORT FOR THE MONTH OF JULY, 1901.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.00	30.01	83	85	85	93	77	16	52	56	W	5	S W	5	153	20	.0	Clear	Clear	Clear
2	30.06	29.95	82	72	84	97	70	27	69	88	S	3	S W	4	183	33	.57	Clear	Cloudy	Clear
3	29.84	29.82	79	74	82	93	70	23	75	91	S W	6	S W	6	146	31	1.37	Partly Cl'dy	Clear	Partly Cl'dy
4	29.89	29.83	72	71	72	78	66	12	67	77	N E	6	S E	3	171	17	.0	Cloudy	Clear	Partly Cl'dy
5	29.81	29.85	77	70	74	83	66	17	76	88	S E	2	S E	9	139	15	.06	Clear	Cloudy	Partly Cl'dy
6	29.82	29.83	66	68	69	73	65	8	97	100	E	8	S E	3	136	12	.32	Cloudy	Misting	Cloudy
7	29.84	29.80	70	75	72	80	65	15	95	86	S W	5	S W	2	125	10	.33	Cloudy	Partly Cl'dy	Partly Cl'dy
8	29.08	30.07	71	71	71	77	65	12	74	79	N W	2	S	6	109	10	T	Partly Cl'dy	Cloudy	Partly Cl'dy
9	30.14	30.14	65	70	69	74	64	10	100	86	N	8	N E	7	146	13	.03	Cloudy	Cloudy	Cloudy
10	30.14	29.97	69	69	70	75	66	9	81	85	N E	4	S E	5	137	12	.0	Cloudy	Clear	Partly Cl'dy
11	29.93	29.91	69	75	73	81	65	16	85	82	S	4	S	6	166	15	T	Partly Cl'dy	Light Rain	Partly Cl'dy
12	30.09	30.18	69	70	69	73	65	8	79	77	N	14	N E	6	252	19	.59	Cloudy	Cloudy	Cloudy
13	30.27	30.23	64	70	70	77	62	15	74	81	N	11	S E	5	185	14	.0	Cloudy	Partly Cl'dy	Partly Cl'dy
14	30.22	30.10	74	77	74	83	65	18	82	80	E	4	S W	8	144	16	.0	Clear	Clear	Clear
15	30.08	29.94	75	77	78	85	72	13	86	87	S W	8	S W	8	201	20	.0	Partly Cl'dy	Clear	Clear
16	29.91	29.80	76	75	78	83	73	10	89	84	S W	6	S	8	189	17	.0	Cloudy	Clear	Partly Cl'dy
17	29.80	29.80	75	76	78	85	72	13	91	89	S W	6	S W	3	147	20	.76	Cloudy	Cloudy	Cloudy
18	29.83	29.79	74	76	80	88	72	16	89	87	S W	4	S W	4	146	20	.09	Cloudy	Clear	Partly Cl'dy
19	29.85	29.88	76	79	80	89	70	19	87	64	W	4	N	9	117	12	.0	Clear	Clear	Clear
20	30.00	29.97	70	73	72	80	64	16	64	73	N E	8	S W	7	194	14	.0	Clear	Clear	Clear
21	29.95	29.84	73	78	78	90	67	23	78	75	S W	8	S W	9	244	23	.0	Clear	Clear	Clear
22	29.84	29.83	79	83	80	88	73	15	75	69	W	6	S W	2	185	16	.0	Cloudy	Partly Cl'dy	Clear
23	29.90	29.94	75	79	79	88	70	18	76	50	N	12	N W	10	153	14	.0	Clear	Clear	Clear
24	29.96	29.85	78	77	76	87	65	22	60	63	N	2	S W	7	144	15	.0	Clear	Clear	Clear
25	29.99	29.99	60	64	67	75	59	16	91	77	N E	12	N E	3	188	16	.01	Cloudy	Cloudy	Cloudy
26	30.05	30.10	62	66	64	70	58	12	92	68	N	10	S W	2	138	15	.01	Cloudy	Clear	Partly Cl'dy
27	30.19	30.15	67	69	64	76	53	23	66	59	W	3	S	9	154	16	.0	Clear	Clear	Clear
28	30.09	29.86	66	71	66	72	60	12	75	90	S	9	S	6	192	17	.07	Cloudy	Partly Cl'dy	Cloudy
29	29.83	29.93	78	66	74	83	65	18	79	95	W	3	S E	11	175	15	.17	Partly Cl'dy	Light Rain	Cloudy
30	29.84	29.79	67	80	76	89	64	25	100	77	S	7	S W	6	177	14	.01	Foggy	Clear	Partly Cl'dy
31	29.80	29.77	78	74	76	82	70	12	83	86	S W	2	W	7	136	13	.01	Cloudy	Cloudy	Cloudy
Month Ave's.	29.97	29.93	72	74	74	82	66	74	80	79	S W	7	S W	6	164	33	Total, 4.40			

SUMMARY.

BAROMETER.

Monthly Mean, 29.95 inches.

Highest, 30.27 in.; Date, 13th.

Lowest, 29.77 in.; Date, 31st.

Monthly range, .49 inches.

TEMPERATURE.

Monthly Mean, 74 degrees.
Highest, 97 degrees; Date, 2d.
Lowest, 53 degrees; Date, 27th.
Absolute range, 44 degrees.
Greatest daily range, 27 degrees; Date, 2d.
Least daily range, 8 deg.; Date, 12th.
Mean daily range, 16 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 55 degrees.

WIND.

Prevailing direction, S W.
Mean hourly velocity, 7 miles.
Max. velocity and direction 33 W; Date, 2d.
Total monthly movement, 5,072 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 17.
*Greatest 24 hour precipitation, (in. and 100ths). 1.94; Date, 1st and 2d.
Total monthly precipitation, (in. and 100ths), 4.40 in.
Total depth of snowfall (inches and 10ths), 0 in.
Dates of thunder storms, 2d, 3d, 5th, 6th, 11th, 17th, 18th, 28th, 29th, 30th.
Accumulated excess of precipitation since Jan. 1st, .10 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---73 deg.		1888---69 deg.	
1874---72	"	1889---70	"
1875---71	"	1890---69	"
1876---76	"	1891---68	"
1877---73	"	1892---72	"
1878---74	"	1893---71	"
1879---71	"	1894---73	"
1880---73	"	1895---69	"
1881---71	"	1896---72	"
1882 ---72	"	1897---72	"
1883---71	"	1898---72	"
1884---68	"	1899---72	"
1885---72	"	1900---73	"
1886---70	"	1901---74	"
1887---75	"		

COM. RAINFALL. (Inches and 100ths.)

1873---1.55	1888---1.76
1874---4.90	1889---17.08
1875---4.42	1890---6.59
1876---11.05	1891---4.52
1877---2.32	1892---4.33
1878---2.53	1893---1.89
1879---9.50	1894---2.40
1880---4.90	1895---3.77
1881---3.53	1896---3.86
1882---3.03	1897---16.03
1883---5.67	1898---5.03
1884---5.89	1899---4.17
1885---2.51	1900---2.28
1886---4.69	1901---4.40
1887---4.66	

Monthly mean humidity, 80 per cent. Monthly mean dew point, 66. Number of clear days, 12. Number of fair days, 11. Number of cloudy days, 8.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XV. No. 8.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
R. S. GOODWIN, M.D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF AUGUST, 1901.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of August, 1901, and a Statement of the Births and Marriages for the Month of July, 1901.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in July.	Still Births in July.	Marriages in July.	Total Deaths in Aug.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	41	----	4	22	20.8	9	5	63.6	----	----	----	----	----	----	1	----	----	----	----	10	----	1	----	1	4	----	----	5
Branford,	5,706	12	1	2	6	12.6	3	----	50.0	----	----	----	----	----	----	1	----	----	----	----	1	----	1	----	----	----	----	1	2
Bridgeport,	70,996	176	10	41	122	20.1	47	16	51.6	----	----	----	----	1	2	----	----	4	3	----	30	5	7	8	----	15	6	5	36
Bristol,	9,643	21	1	6	7	8.7	3	----	42.8	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	2	----	2	2
Danbury,	19,474	30	----	12	20	12.3	9	1	50.0	----	----	----	----	----	----	----	----	----	----	----	9	----	1	1	----	2	3	----	4
Derby,	7,930	24	----	1	9	13.6	2	----	22.2	----	----	----	----	----	----	----	----	1	----	----	----	1	1	1	----	1	----	1	3
East Hartford,	6,406	20	----	3	13	24.3	2	----	15.3	----	----	----	----	----	----	----	----	----	----	----	1	1	----	1	----	2	----	3	5
Enfield,	6,699	16	----	9	19	34.0	6	----	31.5	----	----	----	----	----	----	----	----	3	1	----	3	1	3	1	1	2	1	1	2
Greenwich,	12,172	15	----	4	26	25.6	12	----	46.1	----	----	----	----	----	----	----	----	----	1	----	11	----	----	----	1	3	----	1	9
Groton,	5,962	14	----	4	7	14.0	1	1	28.5	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	----	1	1	3
Hartford,	79,850	153	7	56	99	13.0	22	9	31.3	----	----	----	----	----	2	----	----	2	----	----	11	3	10	3	1	15	7	4	41
Huntington,	5,572	11	1	2	8	17.2	3	----	37.5	----	----	----	----	----	----	----	----	----	----	----	1	----	2	----	----	1	----	----	4
Killingly,	6,835	12	1	6	7	12.2	3	----	42.8	----	----	----	----	----	----	----	----	----	----	----	3	----	----	1	----	1	1	----	1
Manchester,	10,601	20	----	6	15	16.9	6	----	40.0	----	----	----	----	----	1	----	----	----	----	----	5	----	1	----	----	2	3	----	3
Meriden,	28,695	43	2	21	42	17.5	17	2	45.2	----	----	----	----	----	1	----	----	----	3	----	12	1	4	----	----	6	1	1	13
Middletown,	17,486	21	----	7	33	15.0	4	1	15.1	----	----	----	----	----	----	----	----	1	----	----	2	1	6	----	1	8	2	1	11
Naugatuck,	10,541	27	4	2	21	23.9	11	1	57.1	----	----	----	----	1	----	1	----	----	----	----	7	----	2	----	----	----	1	1	8
New Britain,	28,202	67	4	28	37	15.7	12	3	40.5	----	----	1	----	----	1	----	----	2	----	----	8	3	3	----	----	5	----	2	12
New Haven,	108,027	253	15	80	178	18.9	52	12	35.9	----	----	----	----	1	----	3	----	6	3	----	33	18	14	8	4	18	10	10	50
New London,	17,548	17	3	14	36	24.6	11	3	38.8	----	----	----	----	1	4	----	----	----	2	----	10	----	4	----	----	3	1	4	7
Norwalk,	19,932	38	----	9	23	13.8	4	3	30.4	----	----	----	----	----	----	----	----	----	----	----	6	2	1	----	----	3	----	2	9
Norwich,	24,637	45	2	14	52	25.3	17	----	32.6	----	----	----	----	----	1	----	----	----	----	----	12	4	2	2	----	1	7	1	22
Orange,	6,995	10	----	3	11	18.8	7	----	63.6	----	----	----	----	----	----	----	----	1	----	----	4	1	----	----	----	----	1	----	4
Putnam,	7,348	14	----	4	12	19.5	4	1	41.6	----	----	----	----	----	----	----	----	----	----	----	5	----	2	----	----	----	1	----	4
Southington,	5,890	7	----	4	7	14.2	2	----	28.5	----	----	----	----	1	----	----	----	1	----	----	----	1	----	----	----	3	----	----	1
Stamford,	18,839	41	1	9	41	26.1	17	1	51.2	----	----	----	----	----	----	3	----	----	----	----	11	2	3	1	1	3	2	----	15
Stonington,	8,540	17	----	3	15	21.0	6	4	46.6	----	----	----	----	----	----	----	----	----	----	----	7	1	2	----	1	----	2	----	2
Thompson,	6,442	13	1	2	8	14.9	6	----	75.0	----	----	----	----	----	----	----	----	----	----	----	4	----	----	----	----	----	----	1	3
Torrington,	12,453	33	5	14	18	17.3	12	1	72.2	----	----	----	----	----	----	----	----	----	----	----	3	----	2	----	----	1	----	3	9
Vernon,	8,483	11	2	7	5	7.0	----	1	20.0	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	----	----	3
Wallingford,	9,001	14	2	5	10	13.3	3	1	40.0	----	----	----	----	----	----	----	----	----	----	----	4	----	----	----	----	1	1	----	4
Waterbury,	51,139	127	3	36	78	18.3	30	10	51.2	----	----	----	----	----	----	3	1	4	----	----	18	5	6	4	1	4	3	5	24
Winchester,	7,763	10	1	3	17	26.2	4	3	41.1	----	----	----	----	----	----	1	1	----	----	----	7	----	2	----	----	3	----	----	3
Windham,	10,137	23	----	6	11	13.0	5	1	54.5	----	----	----	----	----	----	----	----	----	----	----	5	----	1	----	----	----	1	----	4
Total of the 34 above towns,	668,616	1396	66	427	1035	18.5	352	80	41.7	----	----	1	----	5	12	13	2	25	13	----	246	50	82	31	12	110	55	50	328
134 towns of less than 5,000 inhabitants,	239,739	351	39	80	275	13.8	51	17	24.7	----	----	----	1	1	2	2	----	4	2	1	28	15	23	6	2	35	24	22	107
Total reported from 168 towns,	908,355	1747	105	507	1310	17.3	403	97	38.1	----	----	1	1	6	14	15	2	29	15	1	274	65	105	37	14	145	79	72	435
Population of towns not reporting,																													

The Mortality in Public Institutions of the State were: in Bridgeport, 7; in Hartford, 17; in Middletown, 15; and in New Haven, 48. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in August: Andover, Avon, Barkhamsted, Bethany, Bethlehem, Bolton, Bozrah, Chester, Colebrook, Columbia, Easton, East Granby, Essex, Goshen, Hartland, Killingworth, Lisbon, Mansfield, Marlborough, Middlebury, Monroe, North Branford, North Haven, Rocky Hill, Saybrook, Sherman, Sterling, Warren, Willington—29.

REMARKS.

By Mortality Reports received, there were 1310 deaths during the month of August. This was 13 more than in July, and 332 less than in August of last year, and 151 less than the average number of deaths in August for the five years preceding.

	1901	1900	1899	1898	1897	1896
January,	1439	1367	1565	1153	1123	1121
February,	1381	1261	1192	1026	1142	1094
March,	1441	1691	1221	1272	1369	1288
Total 1st quarter,	4261	4319	3978	3451	3634	3503
April,	1253	1678	1169	1197	1212	1255
May,	1056	1230	1025	1138	1109	1203
June,	1022	1121	1048	984	978	1099
Total 2d quarter,	3331	4029	3242	3319	3299	3557
July,	1297	1583	1369	1225	1225	1611
August,	1310	1642	1382	1402	1237	1644

The death rate was 18.5 for the large towns, for the small towns 13.8, and for the whole State 17.3.

The deaths reported from infectious diseases were 423, being 32.2 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Andover, 3; Bridgeport, 2; Coventry, 1; Enfield, 1; Hampton, 1; Norwich (city), 2+; Simsbury, 2; Southbury, 6; South Windsor, 1; Windham, 7.—Total, 26+ in 10 towns.

Scarlet Fever—Bridgeport, 6; Canton, 2; Cheshire, 1; Derby, 4; East Windsor, 1; Fairfield, 2; Greenwich, 1; Groton, 2; Hartford, 8; Manchester, 2; Meriden (city), 4; Naugatuck, 2; New Britain (city), 4; New Haven, 9; New London, 3; Norfolk, 1; Norwich (city), 1; Plymouth, 1; Putnam, 2; Salem, 3; Simsbury, 1; Waterbury (city), 5; Willimantic (city), 1; Windham, 2; Woodstock, 1.—Total, 69 in 24 towns.

Cerebro Spinal Fever—Southington, 1; Waterbury (city), 1; Windsor, 1.—Total, 3 in 3 towns.

Diphtheria and Croup—Bethel, 5; Bridgeport, 7; Bristol, 1; Chaplin, 2; Danbury (city), 1; Danbury (town), 1; Groton, 1; Hartford, 8; Ledyard, 1; Lisbon, 1; Litchfield, 2; Meriden, 1; Montville, 1; Naugatuck, 1; New Britain, 1; New Haven, 7; New London, 8; Newtown, 1; North Stonington, 2; Norwich (city), 2; Salem, 3; Southington, 1; Stamford (city), 1; Torrington, 1; Wallingford, 1; Waterbury (city), 5; Waterbury (town), 1.—Total, 67 in 25 towns.

Whooping Cough—Canton, 1; Farmington (epidemic); Plymouth, 1; Stratford, 4; Waterbury (city), 4.—Total, 10+ in 5 towns.

Typhoid Fever—Berlin, 1; Bethany, 1; Bethel, 1; Bridgeport, 6; Bristol, 3; Brooklyn, 3; Canaan, 1; Danbury (city), 2; Darien, 1; Derby, 2; East Hartford, 6; Ellington, 1; Enfield, 2; Granby, 1; Groton, 1; Hamden, 1; Hartford, 23; Manchester, 5; Meriden (city), 2; Middletown, 1; Milford, 3; Montville, 1; Naugatuck, 1; New Haven, 38; Norfolk, 1; Norwalk (city), 1; Norwalk (town), 1; Old Saybrook, 1; Redding, 1; Shelton (borough), 1; Somers, 1; Southington, 2; South Norwalk (city), 3; Stafford, 2, Stafford Springs (borough), 2; Stamford (city), 2; Stonington, 2; Stonington (borough), 1; Suffield, 1; Torrington (town and borough), 3; Wallingford, 1; Waterbury (city), 8; Waterbury (town), 6; Watertown, 2; Wethersfield, 1; Willimantic (city), 1; Windsor, 1; Wolcott, 2.—Total, 155 in 43 towns.

In addition to the above, is a list of Towns whose Health Officers report that they have not been notified of any infectious diseases:

Ansonia, Ashford, Avon, Barkhamsted, Beacon Falls, Bethlehem, Bloomfield, Bolton, Bozrah, Branford, Bridgewater, Brookfield, Burlington, Canterbury, Chatham, Chester, Colchester (town and borough), Colebrook, Columbia, Cornwall, Cromwell, Danielson (borough), Durham, Eastford, East Granby, East Haddam, East Haven, East Lyme, Easton, Essex, Franklin, Goshen, Griswold, Guilford, Haddam, Harwinton, Hebron, Huntington, Jewett City (borough), Kent, Killingly, Killingworth, Lebanon, Lyme, Madison, Mansfield, Marlborough, Middlebury, Middlefield, Monroe, Morris, New Fairfield, New Hartford, Newington, New Milford, North Branford, North Haven, Norwich, Old Lyme, Orange, Oxford, Plainfield, Plainville, Pomfret, Portland, Prospect, Ridgefield, Rocky Hill, Roxbury, Salisbury, Saybrook, Scotland, Seymour, Sharon, Sherman, Sprague, Stamford, Sterling, Thomaston, Tolland, Trumbull, Union, Vernon, Voluntown, Warren, Washington, Waterford, Westbrook, West Hartford, Weston, Westport, Willington, Wilton, Winsted (borough), Windsor Locks, Woodbridge, Woodbury.—Total, 95.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

LaGrippe—Lebanon, 1.

Cerebro Spinal Fever—Windsor Locks, 1.

Diphtheria and Croup—Canton, 1; Chaplin, 1.—Total, 2.

Whooping Cough—Fairfield, 1; Hamden, 1.—Total, 2.

Typhoid Fever—Roxbury, 1; Trumbull, 1; Westport, 1; Wethersfield, 1.—Total, 4.

The following is a list of the towns in each County from which NO report has been received from the Health Officer:

HARTFORD CO.—Glastonbury, Hartland.

NEW HAVEN CO.—West Haven (borough).

NEW LONDON CO.—Preston.

FAIRFIELD CO.—New Canaan.

WINDHAM CO.—Thompson.

LITCHFIELD CO.—North Canaan, Winchester.

MIDDLESEX CO.—Clinton.

TOLLAND CO.—Rockville (city).

QUOTATIONS FOR THE CONSIDERATION OF WORKING PEOPLE.

"In all civilized countries, the average duration of life has been raised and there is good reason to believe that not only old age, but also active, useful, enjoyable old age, has become more frequent." (The Map of Life—Lecky.)

"Industry lies at the bottom of social progress, and happiness and long life invariably go hand in hand with days well spent in active employment. Proof is not wanting to show that the man who works has allotted to him a longer share of life than the man who does not work, an idle aristocrat, or vagabond and tramp." . . . . . In no manner and way has nature stamped the sin of idleness with more emphatic disapproval than in the severe rule that he who does not work for his bread shall not live long enough to enjoy the fruit of the labor of others." . . . . .

"No instance can be found of an idler having attained a remarkable old age."—(Hufeland.)

"With industry goes morality as a most, perhaps the most important factor making for continued and enjoyable existence".—F. L. Hoffman, Statistician of the Prudential Life Insurance Co. of America.

"Merchants, traders, brokers and all who make the accumulation of wealth their *primary* object are less likely to live long than those who relegate the pursuit of wealth to the secondary place."—(F. L. Hoffman.)

"The list of dangerous and unhealthy trades is indeed a long and . . . a shocking one. . . . Most of the conditions which make for ill health in many industries, could be—as others have been—removed, but commercial greed and human indifference are the cause of continued existence of factors detrimental to human progress hardly yet recognized by otherwise intelligent observers. Conditions of factory life are not as bad in this country as they are abroad. . . . Industrial hygiene is in its infancy. The time will come when working men will use their unions more for their health than for their wages, and when strikes will take place because of conditions which shorten life rather than because of conditions which are of far less importance. As yet the average workman has but faintly realized the immense possibilities of social amelioration in the direction of a healthier and longer life.—(F. L. Hoffman.)

Respectfully submitted.

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and

Superintendent of Vital Statistics.

NEW HAVEN, September 15, 1901.

METEOROLOGICAL REPORT FOR THE MONTH OF AUGUST, 1901.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.82	29.87	70	71	73	82	64	18	62	60	N W	11	N	6	182	13	.0	Clear	Clear	Clear
2	29.98	29.94	70	70	68	77	58	15	66	72	N	6	S W	11	174	15	.0	Clear	Clear	Clear
3	29.87	29.86	71	74	74	82	66	16	90	86	S W	12	S W	6	209	18	T	Cloudy	Clear	Cloudy
4	29.88	29.96	73	69	71	78	64	14	74	88	N	10	N	2	114	11	.04	Clear	Clear	Cloudy
5	30.09	30.16	70	73	72	82	61	21	59	67	N	9	S	2	161	17	.0	Cloudy	Cloudy	Clear
6	30 24	30.17	64	64	67	74	60	14	82	79	N E	12	N E	10	222	20	.02	Cloudy	Light Rain	Cloudy
7	29.98	29.97	74	72	72	78	66	12	89	91	S	18	S W	2	316	29	.71	Clear	Cloudy	Cloudy
8	30.06	29.95	69	72	73	84	62	22	74	82	W	3	S W	10	203	20	.0	Clear	Partly Cl'dy	Clear
9	30.07	30.08	69	72	72	79	64	15	51	77	N W	9	S	6	149	14	.0	Clear	Clear	Clear
10	30.00	29.90	73	76	74	83	66	17	86	80	S	6	S W	11	238	20	.0	Cloudy	Partly Cl'dy	Clear
11	29.94	30.01	76	76	76	84	69	15	78	65	S W	2	W	6	145	14	.02	Clear	Clear	Clear
12	30.05	30.06	67	69	68	71	64	7	80	90	N	13	N	4	126	18	.17	Cloudy	Cloudy	Cloudy
13	30.10	30.11	72	69	70	76	65	11	82	88	N	2	S E	6	131	12	.0	Partly Cl'dy	Clear	Clear
14	30.13	30.04	68	68	69	74	64	10	83	88	S W	4	S E	6	124	10	.0	Clear	Cloudy	Partly Cl'dy
15	30.02	29.86	67	74	68	74	63	11	87	93	S E	3	S	8	151	20	T	Cloudy	Cloudy	Cloudy
16	29.98	30.01	70	76	76	86	67	19	81	72	S W	6	S W	4	163	15	.0	Partly Cl'dy	Partly Cl'dy	Clear
17	30.04	29.95	74	76	74	85	64	21	78	93	S W	1	S W	6	136	20	.0	Clear	Cloudy	Partly Cl'dy
18	29.98	30.05	72	71	72	78	67	11	98	84	W	1	E	9	101	11	3.26	Cloudy	Cloudy	Cloudy
19	30.12	30.13	67	62	66	70	61	9	95	97	N W	6	N E	14	210	19	.15	Cloudy	Rain	Partly Cl'dy
20	30.11	30.06	63	72	69	78	60	18	97	97	N E	6	S	5	164	13	T	Rain	Partly Cl'dy	Partly Cl'dy
21	30.09	30.09	73	74	78	84	71	13	95	96	N	7	S E	4	108	10	.0	Cloudy	Cloudy	Cloudy
22	30.14	30.17	71	70	72	75	70	5	95	98	S	1	E	6	194	13	T	Cloudy	Cloudy	Partly Cl'dy
23	30.20	30.13	69	74	74	80	68	12	100	93	E	8	S	8	218	16	T	Rain	Rain	Partly Cl'dy
24	30.10	29 98	74	66	74	82	66	16	98	100	E	8	N	12	200	24	2.50	Cloudy	Cloudy	Clear
25	30.04	30.03	69	74	74	82	66	16	85	95	S	5	N	3	154	15	.05	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
26	30.04	30.02	68	72	74	82	66	16	80	88	N	6	S E	4	149	12	.0	Cloudy	Partly Cl'dy	Clear
27	30.09	30.12	68	72	71	78	94	14	88	72	N	6	S E	4	133	12	.0	Clear	Clear	Clear
28	30.22	30.22	66	68	70	79	60	19	80	80	N	12	S	2	147	12	.0	Clear	Clear	Clear
29	30.22	30.10	68	72	69	80	58	22	78	60	N	10	S	8	128	12	.0	Clear	Clear	Clear
30	30.03	29.97	68	70	66	77	56	21	76	74	W	3	S	6	144	15	.0	Clear	Clear	Clear
31	29.99	29.97	69	68	68	77	60	17	85	83	S W	2	S	6	144	15	.0	Partly Cl'dy	Cloudy	Partly Cl'dy
Month Ave's.	30.05	30.03	70	71	72	79	64	15	82	84	N	7	S	6	166	29	Total, 6.92			

SUMMARY.

BAROMETER.

Monthly Mean, 30.04 inches.

Highest, 30.24 in.; Date, 6th.

Lowest, 29.82 in.; Date, 1st.

Monthly range, .42 inches.

TEMPERATURE.

Monthly Mean, 72 degrees.
Highest, 86 degrees; Date, 16th.
Lowest, 56 degrees; Date, 30th.
Absolute range, 30 degrees.
Greatest daily range, 22 degrees; Date, 29th.
Least daily range, 5 deg.; Date, 22d.
Mean daily range, 15 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 10 degrees.

WIND.

Prevailing direction, S.
Mean hourly velocity, 7 miles.
Max. velocity and direction 27 S E; Date, 7th.
Total monthly movement, 5,143 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 14.
*Greatest 24 hour precipitation, (in. and 100ths). 3.26; Date, 17th and 18th.
Total monthly precipitation, (in. and 100ths), 6.92 in.
Total depth of snowfall (inches and 10ths), 0 in.
Dates of thunder storms, 17th, 24th.
Accumulated excess of precipitation since Jan. 1st, 1.90 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---69 deg.	1888---70 deg.	1873---9.90	1888---7.10
1874---68 "	1889---68 "	1874---12.99	1889---4.38
1875---71 "	1890---69 "	1875---5.56	1890---2.67
1876---72 "	1891---71 "	1876---2.20	1891---3.14
1877---73 "	1892---71 "	1877---5.69	1892---2.90
1878---71 "	1893---71 "	1878---4.93	1893---4.86
1879---68 "	1894---69 "	1879---9.40	1894---1.70
1880---70 "	1895---71 "	1880---8.14	1895---3.91
1881---72 "	1896---71 "	1881---2.51	1896---2.57
1882 --70 "	1897---69 "	1882-----.26	1897---6.81
1883---69 "	1898---72 "	1883---1.26	1898---6.65
1884---70 "	1899---70 "	1884---5.60	1899-----.65
1885---69 "	1900---73 "	1885---8.13	1900-----.90
1886---69 "	1901---72 "	1886---4.56	1901---6.92
1887---68 "		1887-- 4.80	

COM. RAINFALL. (Inches and 100ths.)

Monthly mean humidity, 83 per cent. Monthly mean dew point, 65. Number of clear days, 14. Number of fair days, 8. Number of cloudy days, 9.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XV. No. 9.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
R. S. GOODWIN, M.D., THOMASTON.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF SEPTEMBER, 1901.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of September, 1901, and a Statement of the Births and Marriages for the Month of August, 1901.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in Aug.	Still Births in Aug.	Marriages in Aug.	Total Deaths in Sept.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	29	3	10	17	16.0	4	1	29.4										1		3	1	4			1	1		6
Branford,	5,706	18	2	5	8	16.8	4		50.0												3					2		1	2
Bridgeport,	70,996	175	8	33	118	19.4	37	17	45.7						1			1			19	4	12	8	1	11	3	7	51
Bristol,	9,643	15		4	11	13.6	1	1	18.1						1			1			1	1				1		1	5
Danbury,	19,474	21	2	12	29	17.8	8	3	37.9						1						8	1	6	2		3	3		5
Derby,	7,930	16		4	15	22.6	6		40.0						1				1		1		1			1	1		9
East Hartford,	6,406	16		2	11	20.6	4		36.3												1		1			3	2	1	3
Enfield,	6,699	17		4	10	17.9	1		10.0												1	1	1			1	1	2	3
Greenwich,	12,172	24	1	4	14	13.8	4	1	35.7							1					4	1	1	1			1	1	4
Groton,	5,962	5		6	6	12.0		2	33.3												2					1	2		1
Hartford,	79,850	129	6	39	101	12.3	16	8	23.7			2			2			2	1		8	1	11	2		13	11	6	42
Huntington,	5,572	11		3	2	4.3	1		50.0									1			1								
Killingly,	6,835	9		2	15	26.3	3		20.0													2			1	3			9
Manchester,	10,601	14	2	5	9	10.1	2		22.2															1		4	1		3
Meriden,	28,695	58	3	16	37	15.4	9	4	35.1										1		4	1	2			8	2	2	17
Middletown,	17,486	30	1	13	31	12.3	5		16.1									1			4		3	1		8	1	1	12
Naugatuck,	10,541	18		3	19	21.6	9	3	63.1			1			1	5					1	1				3			7
New Britain,	28,202	60	3	22	34	14.4	11	4	44.1						3						4	2	2	1	1	5	3		13
New Haven,	108,027	232	11	67	156	16.7	39	15	34.6					2	3	6		4			22	9	15	7	3	19	10	9	47
New London,	17,548	18	2	18	28	19.1	9	2	39.2			1			1						7	3	3	1	1	3	1	1	6
Norwalk,	19,932	32	2	10	32	19.2	6	1	21.8						1			2			2	2	6	1		4	3	1	10
Norwich,	24,637	35	2	19	32	15.5	11	1	37.5						1						4		1			6	1		19
Orange,	6,995	18		2	10	17.1	3	2	50.0												2		2	1	1		1	1	2
Putnam,	7,348	14	1	5	10	16.3	4		40.0												1		1			1	1	1	5
Southington,	5,890	9	1	2	11	22.4	3	1	36.3				1					1			2		1			2			4
Stamford,	18,839	44		10	33	21.0	15	1	48.4						1			1			4			4		6	2	1	14
Stonington,	8,540	12	1	5	17	23.8	4	1	29.4					1							3	2	1	1		2	1	1	5
Thompson,	6,442	13	1	1	2	3.7	1		50.0														1						1
Torrington,	12,453	35		7	14	13.4	7		50.0				1								2		1			3			7
Vernon,	8,483	15	1	3	11	15.5	1	1	18.1												2		2				2	1	4
Wallingford,	9,001	14	2	4	8	10.6																	1		1		2		4
Waterbury,	51,139	119	4	28	69	16.1	25	8	47.8						1	2		4			11		5	7	2	7	3	3	24
Winchester,	7,763	15	1	3	15	23.1	2	1	20.0								2				2	6			1			2	2
Windham,	10,137	20	1	11	19	22.4	8		42.1						1			1			4		2			2	1		8
Total of the 34 above towns,	668,616	1310	61	382	954	17.1	263	78	35.7			4	2	3	19	14	2	19	4		133	38	85	39	12	123	60	43	354
134 towns of less than 5,000 inhabitants,	239,739	388	17	93	281	14.0	48	20	24.1		1		3		5	1	1	3	2		34	15	16	11	4	37	24	16	108
Total reported from 168 towns,	908,355	1698	78	475	1235	16.3	311	98	33.1		1	4	5	3	24	15	3	22	6		167	53	101	50	16	160	84	59	462

The Mortality in Public Institutions of the State were: in Bridgeport, 8; in Hartford, 34; in Middletown, 14; and in New Haven, 33. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in September: Andover, Barkhamsted, Bethany, Bethlehem, Bloomfield, Bolton, Chester, Eastford, East Granby, Granby, Hampton, Hartland, Middlebury, Middlefield, Norfolk, Oxford, Rocky Hill, Southbury, South Windsor, Sprague, Sterling, Union, Willington, Wolcott, Woodbridge—25.

The Registrar of the following town has made no report for September: Haddam.

REMARKS.

By Mortality Reports received, there were 1235 deaths during the month of September. This was 75 less than in August, and 35 less than in September of last year, and 18 more than the average number of deaths in September for the five years preceding.

	1901	1900	1899	1898	1897	1896
January,	1439	1367	1565	1153	1123	1121
February,	1381	1261	1192	1026	1142	1094
March,	1441	1691	1221	1272	1369	1288
Total 1st quarter,	4261	4319	3978	3451	3634	3503
April,	1253	1678	1169	1197	1212	1255
May,	1056	1230	1025	1138	1109	1203
June,	1022	1121	1048	984	978	1099
Total 2d quarter,	3331	4029	3242	3319	3299	3557
July,	1297	1583	1369	1225	1225	1611
August,	1310	1642	1382	1402	1237	1644
September,	1235	1270	1142	1351	1136	1188
Total 3d quarter,	3842	4495	3893	3978	3598	4443

The death rate was 17.1 for the large towns, for the small towns 14.0, and for the whole State 16.3.

The deaths reported from infectious diseases were 302, being 24.3 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Measles—Ansonia, 1; Derby, 2; West Hartford, 5.—Total, 8 in 3 towns.

Scarlet Fever—Bridgeport, 4; Canton, 1; Danbury, 1; Derby, 1; East Hartford, 1; Enfield, 1; Fairfield, 4; Manchester, 6; Mansfield, 1; Meriden (city), 4; Middletown, 1; Naugatuck, 5; New Britain (city), 1; New Hartford, 1; New Haven, 7; New London, 6; Preston, 1; Putnam, 1; Seymour, 1; Stafford, 1; Stamford, 1; Waterbury (city), 5; Waterbury (town), 4; West Haven (borough), 2; Wethersfield, 1; Willimantic (city), 7; Windham, 1—Total, 70 in 25 towns.

Cerebro Spinal Fever—Waterbury (city), 1.

Diphtheria and Croup—Ansonia, 1; Ashford, 6; Bethel, 1; Bozrah, 1; Bridgeport, 6; Danbury (city), 4; Danbury (town), 1; Derby, 3; Enfield, 1; Griswold, 3; Hamden, 1; Kent, 1; Lebanon, 3; Manchester, 4; Milford, 2; Naugatuck, 8; New Britain (city), 1; New Britain (town), 2; New Haven, 17; New London, 5; New Milford, 1; North Stonington, 1; Norwalk (city), 1; Norwalk (town), 2; Plainfield, 1; Preston, 1; Rockville (city), 2; Salem, 2; South Norwalk (city), 1; Stafford Springs (borough), 4; Stamford (city), 5; Stratford, 1; Waterbury (city), 1; Waterbury (town), 5; West Hartford, 1; Willimantic (city), 3; Windsor, 1.—Total, 103 in 33 towns.

Whooping Cough—Branford, 5; Bridgeport, 1; Killingly, 4; North Haven, 1; Saybrook, 12; Vernon, 1; Watertown, 4.—Total, 28 in 7 towns.

Typhoid Fever—Ansonia, 1; Bridgeport, 19; Brooklyn, 5; Canton, 1; Chester, 1; Colebrook, 1; Danbury (city), 1; Danbury (town), 3; Darien, 2; Derby, 1; East Hartford, 2; East Haven, 1; Enfield, 4; Fairfield, 1; Granby, 1; Greenwich, 2; Guilford, 1; Hamden, 4; Hampton, 1; Hebron, 1; Shelton (borough), 1; Killingly, 1; Lisbon, 1; Manchester, 2; Mansfield, 1; Meriden (city), 5; Meriden (town), 1; Middlefield, 2; Middletown, 4; Monroe, 1; Naugatuck, 5; New Haven, 42; New London, 3; Norwalk (city), 3; Norwalk (town), 4; Orange, 1; Plainville, 3; Portland, 1; Ridgefield, 6; Southington, 2; South Norwalk (city), 3; South Windsor, 1; Stafford, 1; Stonington, 3; Suffield, 1; Thomaston, 3; Torrington (town and borough), 3; Wallingford, 2; Waterbury (city), 14; Waterbury (town), 2; West Haven (borough), 3; Westport, 3; Wethersfield, 1; Wilton, 1.—Total, 183 in 50 towns.

Consumption—Bridgeport, 2.

In addition to the above, is a list of Towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Barkhamsted, Beacon Falls, Berlin, Bethany, Bethlehem, Bloomfield, Bolton, Bridgewater, Brookfield, Burlington, Canaan, Canterbury, Chaplin, Chatham, Cheshire, Clinton, Colchester (town and borough), Columbia, Cornwall, Coventry, Cromwell, Danielson (borough), Durham, Eastford, East Granby, East Haddam, East Lyme, Easton, East Windsor, Ellington, Essex, Farmington, Franklin, Glastonbury, Groton, Haddam, Huntington, Jewett City (borough), Killingworth, Ledyard, Litchfield, Lyme, Madison, Marlborough, Middlebury, Montville, Morris, New Canaan, New Fairfield, Newington, Newtown, Norfolk, North Branford, North Canaan, Norwich, Old Lyme, Old Saybrook, Oxford, Plymouth, Pomfret, Prospect, Redding, Rocky Hill, Roxbury, Salisbury, Scotland, Sherman, Somers, Southbury, Sprague, Sterling, Thompson, Tolland, Trumbull, Union, Voluntown, Warren, Washington, Waterford, Westbrook, Weston, Willington, Winchester, Winsted (borough), Windsor Locks, Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 90.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

Measles—Chatham, 1.

LaGrippe—Preston, 1; Seymour, 1; Stafford, 1.—Total, 3.

Diphtheria and Croup—Bozrah, 1; Hamden, 1; Salem 2; Stafford, 1.—Total, 5.

Whooping Cough—Watertown, 1.

Typhoid Fever—Berlin, 1; Brooklyn, 1; Somers, 1.—Total, 3.

Consumption—Brookfield, 1; Ellington, 1; Litchfield, 2; Madison, 1; Milford, 1; New Hartford, 1; New Milford, 1; Ridgefield, 1; Tolland, 2; Warren, 1; Waterford, 1; Weston, 1; Wethersfield, 1; Windsor, 1; Woodbury, 1.—Total, 17.

All the Health Officers of New Haven, Fairfield, Windham, Middlesex and Tolland Counties have reported.

But the Health Officers of the following towns have not reported:

HARTFORD CO.—Hartford, Avon, Bristol, Hartland, Simsbury.
NEW LONDON CO.—Norwich (city), Stonington (borough).
LITCHFIELD CO.—Goshen, Harwinton, Sharon.

SOME SUGGESTIONS TO REGISTRARS.

The Statute makes it the duty of every Registrar to send to the office of the Superintendent of Vital Statistics within certain limits of time every month, attested copies of the certificates of Births, Marriages and Deaths, "received by him for the calendar month next preceding."

Every one of experience in making copies, knows the risk of error, except the most careful attention is given to the work, followed by proof-reading. It is, of course, impossible for this office, having only the copy, to detect errors in most cases. But every month a considerable number are detected, and the clerical work of the office and also of the registrars is greatly increased by the correspondence necessary to secure correction of the copies.

On the new form of certificates the physician is required to certify to a part of the facts and the undertaker to other facts. It is not rare to find the surname of the decedent spelled differently on the two parts of the certificate. The given names, also, on the same certificate, are sometimes different. It is often observed that the date of birth and the date of death make an interval of time which may differ by years from the age of the decedent, as given on the certificate of the undertaker.

In a certificate received this month the doctor stated that the death took place in one town and the undertaker in another town.

Such errors may be made by careless copying, or by one of the parties signing the certificates. It is evidently the duty of the Registrar to examine the certificates which he receives, as he is not authorized to issue permits for burial or removal, except on such certificates as the law requires. There can be no doubt that it is the purpose of the law to require certificates in which the facts stated are not conflicting or contradictory.

It is not unusual to find it stated on a certificate of birth or death that the said certificate was received for record at a date a month before the event occurred. Such an error is pure carelessness on the part of the copyist. From the frequency with which such self-evident errors appear on the face of the copy, the suspicion is well founded that there may be others, which could only be detected by comparison with the original certificate. They also seem to prove pretty clearly that in some of the registrars' offices the custom of proof-reading after copying is not practiced. It is the only way to insure correct copies.

The above remarks do not apply to the majority of the Registrars in the State. It is very gratifying to observe the care and attention manifested by most Registrars in this matter. It is equally discouraging to have to write to a few Registrars (almost every month to the same ones), to secure corrections of conspicuous and careless blundering.

Sometimes death certificates are delayed beyond the time fixed for their return by law, and the excuse is made that the deputies did not return them to the registrar in time. Such an excuse does not relieve from responsibility, and Registrars should instruct their deputies as to their duty on that point. Such delays vitiate the accuracy of the monthly reports in the Bulletin.

The attention of Registrars is respectfully called to these facts, in the hope that thereby more care will be given to this important work.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, October 15, 1901.

METEOROLOGICAL REPORT FOR THE MONTH OF SEPTEMBER, 1901.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.98	29.94	64	65	66	68	64	4	97	97	N	9	N	9	197	14	.61	Light Rain	Cloudy	Cloudy
2	30.00	30.03	61	66	65	70	60	10	94	85	N	10	N	3	172	16	.09	Cloudy	Cloudy	Cloudy
3	30.07	30.09	66	69	69	78	60	18	75	81	N	6	S W	3	130	12	.0	Clear	Clear	Clear
4	30.13	30.08	66	71	70	78	62	16	90	86	N	2	S W	8	133	13	.0	Cloudy	Clear	Clear
5	30.10	30.11	72	76	72	83	62	21	73	80	S W	2	S W	1	90	9	.0	Clear	Clear	Clear
6	30.15	30.10	71	76	76	87	64	23	77	75	W	6	S W	3	112	10	.0	Clear	Clear	Clear
7	30.01	29.88	72	76	76	85	66	19	77	74	N W	7	S W	5	129	10	.0	Clear	Clear	Clear
8	29.90	30.01	68	62	65	74	56	18	72	50	N	18	N	5	268	24	.0	Clear	Clear	Clear
9	30.14	30.11	57	60	60	70	49	21	66	65	N	6	W	3	133	14	.0	Clear	Clear	Clear
10	30.13	30.04	58	67	62	73	52	21	77	69	N W	3	S	5	115	12	.0	Cloudy	Cloudy	Partly Cl'dy
11	29.86	29.80	65	66	70	78	63	15	94	97	N W	6	W	6	171	26	3.48	Cloudy	Cloudy	Partly Cl'dy
12	29.80	29.62	65	72	68	73	62	11	90	98	W	4	S W	7	148	13	T	Cloudy	Cloudy	Cloudy
13	29.61	29.71	70	70	72	80	65	15	81	74	S W	8	W	7	197	23	.0	Partly Cl'dy	Clear	Clear
14	29.94	30.00	66	69	69	78	60	18	71	79	N W	6	S W	6	129	12	.0	Clear	Clear	Clear
15	29.96	29.85	71	69	69	76	62	14	90	100	S	12	S W	7	191	26	.38	Cloudy	Light Rain	Cloudy
16	29.98	29.95	70	72	73	81	65	16	77	82	W	8	S W	6	210	24	.03	Clear	Clear	Clear
17	29.86	29.88	71	60	66	76	59	17	90	89	S	9	N W	4	213	36	.07	Sprinkling	Cloudy	Cloudy
18	30.01	30.03	59	54	56	59	52	7	91	97	N W	6	E	3	89	12	.15	Sprinkling	Light Rain	Cloudy
19	30.13	30.26	56	54	56	65	48	17	71	64	N	9	N W	8	191	17	.11	Clear	Clear	Clear
20	30.26	30.07	48	54	51	56	46	10	76	87	N	14	N	9	266	22	T	Cloudy	Partly Cl'dy	Cloudy
21	30.17	30.23	52	55	56	67	44	23	81	76	N W	4	N W	4	139	22	.0	Clear	Clear	Clear
22	30.33	30.25	53	62	58	70	45	25	78	74	N	5	S W	7	162	11	.0	Clear	Clear	Clear
23	30.26	30.17	61	64	64	74	54	20	80	70	S W	5	S W	7	204	16	.0	Clear	Clear	Clear
24	30.14	30.09	60	69	66	78	55	23	78	76	S W	2	W	8	179	24	.0	Clear	Clear	Clear
25	30.42	30.43	49	51	54	62	45	17	67	68	N	15	N	6	200	24	.0	Clear	Clear	Clear
26	30.54	30.47	46	57	52	63	41	22	61	69	N	15	S	8	204	17	.0	Clear	Clear	Clear
27	30.50	30.40	54	60	55	66	44	22	76	75	S	1	S	7	119	12	.0	Clear	Clear	Clear
28	30.37	30.22	56	66	58	72	45	27	82	85	N W	3	S E	4	131	12	.0	Clear	Cloudy	Partly Cl'dy
29	30.00	30.86	69	69	67	70	64	6	97	97	S	12	S	6	243	20	.63	Threatening	Cloudy	Cloudy
30	29.89	30.01	66	60	66	79	53	26	87	73	W	4	N W	12	188	16	.15	Partly Cl'dy	Clear	Clear
Month Ave's.	30.09	30.06	62	65	64	73	56	17	80	80	N	7	S W	6	171	36	Total, 5.70			

SUMMARY.

BAROMETER.

Monthly Mean, 30.07 inches.

Highest, 30.54 in.; Date, 26th.

Lowest, 29.61 in.; Date, 13th.

Monthly range, .93 inches.

TEMPERATURE.

Monthly Mean, 64 degrees.
Highest, 87 degrees; Date, 6th.
Lowest, 41 degrees; Date, 26th.
Absolute range, 46 degrees.
Greatest daily range, 27 degrees; Date, 28th.
Least daily range, 4 deg.; Date, 1st.
Mean daily range, 17 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 15 degrees.

WIND.

Prevailing direction, S W.
Mean hourly velocity, 7 miles.
Max. velocity and direction, 34 S W; Date, 17th.
Total monthly movement, 5,143 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 12.
*Greatest 24 hour precipitation, (in. and 100ths). 3.48; Date, 10th and 11th.
Total monthly precipitation, (in. and 100ths), 5.70 in.
Total depth of snowfall (inches and 10ths). 0 in.
Dates of thunder storms, 11th, 15th, 29th.
Accumulated excess of precipitation since Jan. 1st, 3.89 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---62 deg.	1888---61 deg.	1873---2.12	1888---7.68
1874---64 "	1889---63 "	1874---4.07	1889---4.98
1875---61 "	1890---63 "	1875---2.10	1890---5.38
1876---61 "	1891---66 "	1876---5.34	1891---3.96
1877---65 "	1892---62 "	1877---1.13	1892---1.54
1878---65 "	1893---60 "	1878---7.67	1893---2.24
1879---60 "	1894---66 "	1879---2.13	1894---4.63
1880---64 "	1895---66 "	1880---3.73	1895---2.61
1881---70 "	1896---63 "	1881---1.45	1896---3.42
1882---65 "	1897---67 "	1882---13.43	1897---2.42
1883---61 "	1898---67 "	1883---3.43	1898---2.30
1884---67 "	1899---62 "	1884---1.41	1899---3.33
1885---62 "	1900---67 "	1885---.77	1900---2.10
1886---64 "	1901---64 "	1886---2.25	1901---5.70
1887---59 "		1887---2.21	

COM. RAINFALL. (Inches and 100ths.)

Monthly mean humidity, 80 per cent. Monthly mean dew point, 57. Number of clear days, 19. Number of fair days, 3. Number of cloudy days, 8.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XV. NO. 10.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
R. S. GOODWIN, M.D., THOMASTON.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF OCTOBER, 1901.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of October, 1901, and a Statement of the Births and Marriages for the Month of September, 1901.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in Sept.	Still Births in Sept.	Marriages in Sept.	Total Deaths in Oct.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	32	1	8	12	11.3	1	2	25.0						3					1		1	1			1		1	4
Branford,	5,706	10		4	4	8.4		1	25.0										1				1					1	1
Bridgeport,	70,996	169	5	54	75	12.6	18	11	38.6		1				1	3		2	1		9	1	10	6	4	4	6	2	25
Bristol,	9,643	13	1	14	8	9.9	1		12 5												1		1			1	2	1	3
Danbury,	19,474	30	1	5	25	15.4	6	1	28.0						2			1			2		4	2	1	1	2	1	9
Derby,	7,930	19	1	7	10	15.1	4		40.0			1						1					1	1		2		1	3
East Hartford,	6,406	9	1	4	6	11.2	1		16.6																	1	2	1	2
Enfield,	6,699	9	1	6	6	10.7																	1				2	2	1
Greenwich,	12,172	18	1	6	8	7.8	2		25.0												1		1	2	1	1		1	1
Groton,	5,962	13	1	4	6	12.0	3		50.0						1						1			1					3
Hartford,	79,850	162	5	52	107	14.1	25	9	31.7						4			6			6		8	8	4	13	11	4	43
Huntington,	5,572	13	1	3	4	8.6																	1				1		2
Killingly,	6,835	12		4	14	24.5	6	1	50.0						1	1						1				4	2	1	4
Manchester,	10,601	10	1	10	6	6.7	1		16 6						1											2			3
Meriden,	28,695	55	1	10	27	11.2	6	2	29 6				2					1	2				2	1		2		2	15
Middletown,	17,486	25	1	9	21	10.2												1					3			4	5		8
Naugatuck,	10,541	20		6	8	9 1	2	2	50.0							1			1				1	2					3
New Britain,	28,202	62	4	22	28	11.9	9	1	35.7										1		1		1	1	2	5	1		16
New Haven,	108,027	257	12	102	134	13.9	26	9	26.1						3	2		7			5		11	11	4	15	5	6	65
New London,	17,548	37		16	31	21.1	8		25.8						1			2			2		1	5	1	3	3	5	8
Norwalk,	19,932	22	1	13	19	11 4	6	1	36.8				1					1			2		3		1	3		1	7
Norwich,	24,637	53	6	16	41	19.9	7	4	26.8						1			2	1		2		2	3	1	3	4	7	15
Orange,	6,995	8		2	9	15 4	4	1	55.5													1	1				1	1	5
Putnam,	7,348	14	1	5	9	14.6	1	1	22.2														2			1	1	2	3
Southington,	5,890	14		1	8	16.2	2		25.0														2			1			5
Stamford,	18,839	38	1	16	33	21.0	4	2	18.1				1			1			1		1		5			6	2	2	14
Stonington,	8,540	5		3	10	14 0	1		10 0															1			1	1	7
Thompson,	6,442	4		5	1	1.8																					1		
Torrington,	12,453	20	2	12	18	17.3	5	1	33.3								1	1			2		1	1		5	2	1	4
Vernon,	8,483	19	1	5	6	8.4		1	16.6												1		1		1				3
Wallingford,	9,001	11	1	4	7	9.3	1		14.2												1					1			5
Waterbury,	51,139	139	4	42	72	16.8	30	6	50 0						3	1		2	1		6		4	4	7	7	4	4	29
Winchester,	7,763	8	1	4	5	7.7												1						1			1	1	1
Windham,	10,137	21		10	9	10.6	4		44.4												4		1			1		2	1
Total of the 34 above towns,	668,616	1351	56	484	787	14.1	184	56	30.4		1	1	4		21	9	1	28	9	1	46	4	70	50	27	87	59	51	318
134 towns of less than 5,000 inhabitants,	239,739	412	18	112	275	13.7	40	14	19.7				4		15		1	10	2		13	3	21	13	4	34	29	15	111
Total reported from 168 towns,	908,355	1763	74	596	1062	14.0	224	70	27.7		1	1	8		36	9	2	38	11	1	59	7	91	63	31	121	88	66	429

The Mortality in Public Institutions of the State were: in Bridgeport, 7; in Hartford, 39; in Middletown, 9; and in New Haven, 27. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in October: Andover, Avon, Bethany, Bethlehem, Bloomfield, Bridgewater, Brooklyn, Canaan, Cheshire, Columbia, Cornwall, Easton, East Granby, Granby, Hartland, Harwinton, Lisbon, Marlborough, Monroe, Newington, North Branford, North Stonington, Preston, Rocky Hill, Roxbury, Scotland, Sharon, Somers, Sterling, Union, Voluntown, Warren, Watertown, Westbrook, Willington, Wilton, Wolcott—37.

REMARKS.

By Mortality Reports received, there were 1062 deaths during the month of October. This was 173 less than in September, and 146 less than in October of last year, and 47 less than the average number of deaths in October for the five years preceding.

	1901	1900	1899	1898	1897	1896
January,	1439	1367	1565	1153	1123	1121
February,	1381	1261	1192	1026	1142	1094
March,	1441	1691	1221	1272	1369	1288
Total 1st quarter,	4261	4319	3978	3451	3634	3503
April,	1253	1678	1169	1197	1212	1255
May,	1056	1230	1025	1138	1109	1203
June,	1022	1121	1048	984	978	1099
Total 2d quarter,	3331	4029	3242	3319	3299	3557
July,	1297	1583	1369	1225	1225	1611
August,	1310	1642	1382	1402	1237	1644
September,	1235	1270	1142	1351	1136	1188
Total 3d quarter,	3842	4495	3893	3978	3598	4443
October,	1062	1208	1036	1109	1097	1097

The death rate was 14.1 for the large towns, for the small towns 13.7, and for the whole State 14.0.

The deaths reported from infectious diseases were 173, being 16.3 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Small Pox—Danielson (borough), 2.

Measles—Derby, 1; Hartford, 3; Meriden (city), 1.—Total, 5 in 3 towns.

Scarlet Fever—Ansonia, 1; Branford, 1; Bridgeport, 24; Bristol, 5; Canaan, 1; Canton, 3; Danbury (city), 2; Danbury (town), 2; Derby, 4; East Hartford, 4; East Windsor, 1; Ellington, 3; Fairfield, 3; Glastonbury, 3; Greenwich, 3; Groton, 2; Hamden, 2; Hartford, 29; Killingly, 1; Manchester, 16; Meriden (city), 18; Meriden (town), 1; Naugatuck, 8; New Britain (city), 4; New Britain (town), 1; New Haven, 25; Norwich (city), 1; Plainfield, 4; Plainville, 12; Plymouth, 2; Pomfret, 1; Rockville (city), 3; Salisbury, 2; South Windsor, 1; Stafford Springs (borough), 1; Wallingford, 5; Waterbury (city), 2; Waterbury (town), 4; West Haven (borough), 1; Winsted (borough), 1; Woodstock, 1.—Total, 208 in 37 towns.

Diphtheria and Croup—Ansonia, 7; Bethel, 2; Branford, 1; Bridgeport, 4; Brooklyn, 1; Canton, 4; Chaplin, 1; Danbury (city), 8; Derby, 1; East Lyme, 1; Franklin, 1; Glastonbury, 5; Greenwich, 5; Guilford, 1; Hamden, 5; Hartford, 31; Jewett City (borough), 1; Killingly, 1; Manchester, 6; Mansfield, 1; Meriden (city), 3; Middletown, 2; Naugatuck, 4; New Britain (city), 3; New Britain (town), 1; New Canaan, 1; New Haven, 36; New London, 8; North Haven, 1; Norwalk (city), 1; Norwalk (town), 1; Norwich (town), 1; Redding, 1; Rockville (city), 1; Salem, 1; Scotland, 1; Simsbury, 3; South Norwalk (city), 2; Stafford, 1; Stafford Springs (borough), 1; Waterbury (city), 5; Waterbury (town), 4; West Hartford, 1; Windsor, 3; Windsor Locks, 1; Woodbridge, 1; Woodstock, 1.—Total, 176 in 44 towns.

Whooping Cough—Ansonia, 3; Danielson (borough), 1; Killingly, 25; Middlefield, 4; Norfolk, 2; Salisbury (some cases); Vernon, 9.—Total, 44+ in 7 towns.

Typhoid Fever—Ansonia, 2; Branford, 1; Bridgeport, 11; Bristol, 5; Brooklyn, 1; Danbury (city), 2; Derby, 2; East Haven, 1; Fairfield, 1; Glastonbury, 1; Groton, 1; Hamden, 3; Hampton, 1; Hartford, 14; Hebron, 4; Jewett City (borough), 1; Lebanon, 1; Manchester, 1; Mansfield, 1; Meriden (city), 2; (town), 1; Middlefield, 1; Middletown, 1; Milford, 2; Naugatuck, 2; New Haven, 32; New London, 4; New Milford, 1; Newtown, 1; North Haven, 1; Norwalk (city), 2; Norwalk (town), 1; Norwich (city) 3; Norwich (town), 1; Prospect, 1; Ridgefield, 7; Roxbury, 1; Rockville (city), 2; Shelton (borough), 1; South Norwalk (city), 1; South Windsor, 1; Stonington, 3; Suffield, 2; Tolland, 1; Torrington, 9; Waterbury (city), 8; West Hartford, 1; Westport, 7; Wethersfield, 2; Winchester, 1; Woodbury, 1.—Total, 156 in 48 towns.

Consumption—Bridgeport, 4; Derby, 2; Southbury, 1.—Total, 7 in 3 towns.

In addition to the above, is a list of Towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Barkhamsted, Beacon Falls, Berlin, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Burlington, Chatham, Cheshire, Clinton, Colchester, Colebrook, Columbia, Cornwall, Coventry, Cromwell, Darien, Durham, Eastford, East Haddam, Easton, Enfield, Essex, Farmington, Goshen, Granby, Griswold, Haddam, Hartland, Harwinton, Huntington, Kent, Killingworth, Ledyard, Lisbon, Litchfield, Lyme, Madison, Marlborough, Middlebury, Monroe, Montville, Morris, New Fairfield, New Hartford, Newington, North Branford, North Canaan, North Stonington, Old Lyme, Old Saybrook, Orange, Oxford, Portland, Preston, Putnam, Rocky Hill, Saybrook, Seymour, Sharon, Sherman, Somers, Southington, Stamford, Sterling, Stratford, Thomaston, Thompson, Trumbull, Union, Voluntown, Warren, Washington, Waterford, Watertown, Westbrook, Weston, Wilton, Wolcott.—Total, 86.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

LaGrippe—Berlin, 1; Colchester, 1; South Windsor, 1; Stafford, 1.—Total, 4.

Diphtheria and Croup—Canton, 1; East Lyme, 1; Franklin, 1; Glastonbury, 2; Guilford, 1; Mansfield, 1; New Milford, 1; Salem 1; Simsbury, 1; South Windsor, 1; Sprague, 1; West Hartford, 1; Windsor, 1; Woodstock, 1.—Total, 15.

Typhoid Fever—Griswold, 1; Hebron, 1; Mansfield, 2; Milford, 1; New Milford, 1; Plymouth, 1; Salisbury, 1; South Windsor, 1; Thomaston, 1.—Total, 10.

Consumption—Ashford, 1; Chatham, 1; Colchester, 1; Cromwell, 1; East Windsor, 1; Hampton, 1; Middlebury, 1; New Milford, 1; North Canaan, 1; Oxford, 1; Plainfield, 1; Portland, 1; Redding, 1; Southbury, 1; Stafford, 1; Stratford, 1; Thomaston, 1; Trumbull, 1; Washington, 1; Wethersfield, 1.—Total, 20.

All the Health Officers of New Haven and Litchfield Counties have reported.

But the Health Officers of the following towns have not reported:

HARTFORD CO.—East Granby.

NEW LONDON CO.—Sprague, Stonington (borough).

FAIRFIELD CO.—Stamford (city).

WINDHAM CO.—Canterbury, Windham, Willimantic (city).

MIDDLESEX CO.—Chester.

TOLLAND CO.—Willington.

SMALLPOX AND VACCINATION.

Several recent invasions of smallpox into the state, chiefly from New York and Canada, make the following correspondence of special interest.

VOLUNTOWN, Nov. 9th, 1901.

Dr. C. A. LINDSLEY, Secretary, &c.

Dear Sir:—As Smallpox is in Moosup and Sterling, close by us, would you not think it advisable to vaccinate the school children and all others that need to be, provided the parents of the children are willing? And how would it do to ask the Selectmen to foot the bills for all those who are not able to pay the usual vaccination fee?

Yours truly,

W. R. DAVIS, *Health Officer.*

[The Response.]

NEW HAVEN, CONN., Nov. 12, 1901.

Dr. W. R. DAVIS, *Health Officer,*

My Dear Doctor:—There is but one reasonable answer to your question.

There can be no doubt that it is the part of wisdom and prudence to have all the children in your town vaccinated who have not been already protected by that means. It is not wise to wait until your neighbor's house is on fire before you try to get your own insured.

I would suggest that you plainly lay the matter before your board of selectmen and ask them to offer free vaccination to all who feel that the expense will be a burden. It has always been observed that there are in every community a few who are abundantly able to pay the vaccination fee, but who will take advantage of the opportunity at the public charge. But even so, it is better and far cheaper for the general welfare, to tolerate the imposition than to suffer an epidemic of Smallpox.

An epidemic of Smallpox is impossible in a well-vaccinated community. Such is the undeviating experience of the last hundred years throughout the civilized world. Hoping your selectmen will see the wisdom of such a course, I remain very truly yours,

C. A. LINDSLEY, *Secretary.*

At no time since the discovery of the protective powers of vaccination has it been possible to do the operation with less risk of ill effects than at the present. Formerly there were two sources of trouble to which a vaccinated person might be exposed. One was the very rare introduction of a germ disease with vaccine virus taken from the human subject. The other was the contamination of the virus with septic matter and a more or less severe septic inflammation. Or the latter effect may have been caused by the careless exposure of the broken vaccine vesicle to septic contact. The first danger is avoided by the use of bovine virus, calves not being subject to diseases communicable to man.

The second risk is avoided by the extreme precautions which are taken to avoid septic contamination of the virus, by several well-known establishments engaged in the production of it. It only remains to protect the aseptic conditions in the application of it. The seriousness of the operation is not sufficiently appreciated by the public. The proper condition and preparation of the subject is highly important. It ought not, as too often heretofore, to be entrusted to parents, school teachers, or any conceited wiseacres, who think they can "do it well enough." Spurious vaccination with septic matter has been a potent influence in bringing discredit upon the practice. It is an operation of too much consequence to the welfare of the subject and of the community to be trifled with.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, November 15, 1901.

METEOROLOGICAL REPORT FOR THE MONTH OF OCTOBER, 1901.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date	Barometer.† 8 A.M.	Barometer.† 8 P.M.	Temperature.‡ 8 A.M.	Temperature.‡ 8 P.M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	Relative Humidity.‖ 8 A.M.	Relative Humidity.‖ 8 P.M.	Wind. 8 A.M. Direction from	Wind. 8 A.M. Vel. in m. per h.	Wind. 8 P.M. Direction from	Wind. 8 P.M. Vel. in m. per h.	Wind. Daily Movement.	Wind. Max. velocity for a single Mile.	Precipitation.* Am't inc. melted snow Inches and 100ths.	Character of Weather. 8 A.M.	Character of Weather. 8 P.M.	Character of Day.
1	30.19	30.08	55	61	58	66	50	16	68	78	N	5	S	10	198	16	.0	Clear	Clear	Clear
2	29.89	29.61	63	68	60	70	51	19	84	88	S	11	S W	13	281	20	T	Cloudy	Threatening	Cloudy
3	29.69	29.76	53	52	54	63	45	18	72	69	N W	13	N	5	207	16	.58	Cloudy	Clear	Clear
4	29.91	30.08	46	48	50	60	41	19	65	79	N W	4	N W	5	158	15	.0	Clear	Clear	Clear
5	30.20	30.14	46	46	49	58	40	18	72	72	N	9	N W	4	179	15	.0	Clear	Clear	Clear
6	30 03	30.31	49	46	48	55	42	13	61	72	W	24	N	10	339	32	T	Clear	Clear	Clear
7	30.50	30.46	45	50	50	62	39	23	67	76	N	11	S W	4	189	17	.0	Clear	Clear	Clear
8	30.43	30.34	47	57	52	65	40	25	69	71	W	3	S	9	189	16	.0	Clear	Clear	Clear
9	30.31	30.24	54	61	58	67	49	18	70	89	S W	5	S	7	209	20	.0	Clear	Cloudy	Partly Cl'dy
10	30.28	30.27	58	64	62	71	53	18	80	95	S	2	S E	3	110	12	T	Cloudy	Clear	Partly Cl'dy
11	30.29	30.19	59	62	63	72	54	18	100	78	N E	4	S E	4	108	8	.01	Foggy	Clear	Partly Cl'dy
12	30.14	30.08	55	59	56	64	49	15	76	94	E	2	S E	10	172	13	.0	Cloudy	Threatening	Partly Cl'dy
13	29.99	29.89	62	66	64	70	57	13	98	100	S E	13	S	20	352	26	.13	Light Rain	Sprinkling	Cloudy
14	29.90	29.86	59	56	62	68	56	12	94	99	N	18	N	6	260	22	2.06	Light Rain	Light Rain	Cloudy
15	30.07	30.15	51	54	56	65	48	17	78	67	N W	6	N W	4	187	29	.13	Clear	Clear	Clear
16	30.16	30.04	48	58	54	65	43	22	73	80	N W	2	S W	7	169	15	.0	Clear	Clear	Clear
17	29.85	29.76	58	50	54	64	45	19	77	77	S W	12	N W	6	182	21	.03	Clear	Partly Cl'dy	Partly Cl'dy
18	29.95	30.18	43	42	46	51	40	11	73	77	N W	12	W	6	278	23	.0	Clear	Clear	Clear
19	30.08	30.03	49	61	52	65	39	26	80	68	S W	14	W	20	346	36	.01	Cloudy	Clear	Partly Cl'dy
20	30.42	30.36	41	49	47	56	38	18	69	73	N	12	S W	6	182	18	.0	Clear	Clear	Clear
21	30.38	30.34	41	50	48	61	36	25	69	74	N	2	N	3	124	12	.0	Clear	Clear	Clear
22	30.16	30.04	51	59	55	69	41	28	81	67	S W	12	N W	8	182	15	.0	Clear	Clear	Clear
23	29.85	29.54	58	68	64	76	51	25	64	71	S W	12	S W	12	305	28	.0	Partly Cl'dy	Partly Cl'dy	Clear
24	29.83	30.04	49	42	51	63	39	24	51	65	N W	22	N W	12	318	26	T	Clear	Clear	Clear
25	30.21	30 24	38	41	42	50	34	16	62	69	N W	10	N	4	202	17	.0	Clear	Clear	Clear
26	30.26	30.16	39	54	46	61	31	30	67	70	N W	3	S W	11	204	21	.0	Clear	Clear	Clear
27	30.14	30.19	48	56	56	65	46	19	86	71	S W	5	N	8	144	13	.0	Clear	Clear	Clear
28	30.44	30.56	41	46	48	57	40	17	69	79	N	13	N	4	210	20	.0	Clear	Clear	Clear
29	30.66	30.56	37	46	45	55	35	20	69	73	N E	12	S E	2	159	20	.0	Clear	Clear	Clear
30	30.52	30.36	38	52	46	57	35	22	70	84	E	4	S	5	126	10	.0	Clear	Clear	Clear
31	30.33	30.20	50	53	54	61	46	15	93	87	S W	7	S	6	154	13	.0	Cloudy	Clear	Clear
Month Ave's.	30.16	30.13	49	54	53	63	44	19	74	78	N W	9	N	17	207	36	Total, 2.95			

SUMMARY.

Barometer.

Monthly Mean, 30.15 inches.

Highest, 30.66 in.; Date, 29th.

Lowest, 29.54 in.; Date, 23th.

Monthly range, 1.12 inches.

Temperature.

Monthly Mean, 53 degrees.
Highest, 76 degrees; Date, 23rd.
Lowest, 31 degrees; Date, 26th.
Absolute range, 45 degrees.
Greatest daily range, 30 degrees; Date, 26th.
Least daily range, 11 deg.; Date, 18th.
Mean daily range, 19 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 40 degrees.

Wind.

Prevailing direction, N.
Mean hourly velocity, 9 miles.
Max. velocity and direction, 36 S W; Date, 19th.
Total monthly movement, 6,423 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 11.
*Greatest 24 hour precipitation, (in. and 100ths), 2.06; Date, 13th and 14th.
Total monthly precipitation, (in. and 100ths), 2.95 in.
Total depth of snowfall (inches and 10ths), T in.
Dates of thunder storms, 2nd, 19th.
Accumulated excess of precipitation since Jan. 1st, 1.79 inches.

Compar. Temp. (Mon. Mean.)

1873	52 deg.	1888	48 deg.
1874	52 "	1889	49 "
1875	53 "	1890	51 "
1876	50 "	1891	51 "
1877	54 "	1892	52 "
1878	56 "	1893	54 "
1879	58 "	1894	53 "
1880	51 "	1895	49 "
1881	56 "	1896	50 "
1882	56 "	1897	53 "
1883	49 "	1898	54 "
1884	53 "	1899	54 "
1885	52 "	1900	58 "
1886	53 "	1901	53 "
1887	51 "		

Com. Rainfall. (Inches and 100ths.)

1873	6.18	1888	6.46
1874	1.86	1889	3.96
1875	3.18	1890	7.63
1876	1.12	1891	4.62
1877	10.09	1892	0.94
1878	2.33	1893	4.75
1879	11.41	1894	6.11
1880	4.07	1895	3.32
1881	2.78	1896	2.91
1882	3.54	1897	1.25
1883	5.87	1898	7.22
1884	2.49	1899	1.78
1885	5.37	1900	2.02
1886	1.95	1901	2.95
1887	3.24		

Monthly mean humidity, 76 per cent. Monthly mean dew point, 44. Number of clear days, 22. Number of fair days, 6. Number of cloudy days, 3.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XV. NO. 11.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
R. S. GOODWIN, M.D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF NOVEMBER, 1901.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of November, 1901, and a Statement of the Births and Marriages for the Month of October, 1901.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in Oct.	Still Births in Oct.	Marriages in Oct.	Total Deaths in Nov.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	27	3	12	10	9 4	3	----	30.0	----	1	----	----	----	----	----	----	----	----	----	----	----	3	----	----	----	1	1	4
Branford,	5,706	14	----	2	9	18.9	4	----	44.4	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	1	----	6
Bridgeport,	70,996	150	13	87	101	16.7	15	8	22.7	----	2	3	----	----	3	1	----	2	----	----	1	----	15	9	4	7	13	6	35
Bristol,	9,643	14	----	7	12	14.9	2	----	16.6	----	----	----	----	----	----	----	----	1	----	----	1	----	3	3	----	----	1	----	3
Danbury,	19,474	25	1	13	19	11.7	2	3	26.3	----	----	----	----	----	3	----	----	----	----	----	----	----	3	----	3	2	4	1	3
Derby,	7,930	17	2	7	10	15.1	3	2	50.0	----	----	1	----	----	----	----	----	1	----	----	----	----	----	2	----	----	----	----	6
East Hartford,	6,406	8	1	6	10	18.7	1	1	20.0	----	----	----	----	1	----	----	----	1	----	----	----	1	----	----	----	1	2	1	3
Enfield,	6,699	13	1	13	11	19.7	2	1	27.2	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	3	----	1	4
Greenwich,	12,172	8	1	14	15	14.7	----	1	6.6	----	----	----	----	----	1	----	----	----	----	----	----	----	4	2	----	----	3	----	5
Groton,	5,962	9	1	1	4	8.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	1	----	1
Hartford,	79,850	151	2	91	103	13.6	15	5	19.4	----	----	3	1	1	1	----	----	4	----	----	1	5	10	2	10	10	4	51
Huntington,	5,572	15	----	1	8	17.2	2	----	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	1	----	4
Killingly,	6,835	15	----	8	12	21.0	3	1	33.3	----	----	----	2	----	----	1	----	----	----	----	----	----	----	----	----	1	2	----	6
Manchester,	10,601	19	2	12	10	11.3	1	2	30 0	----	----	----	----	----	2	1	----	----	----	----	----	----	1	2	----	1	1	----	2
Meriden,	28,695	57	1	37	21	8.7	5	----	23 8	----	----	----	----	----	----	----	----	1	----	----	----	----	3	1	----	3	4	----	9
Middletown,	17,486	28	2	7	34	12.3	3	----	8.8	----	----	----	----	----	----	----	----	----	----	----	----	----	6	3	----	8	11	1	5
Naugatuck,	10,541	29	1	8	11	12 5	4	----	36.3	----	----	----	----	----	----	----	1	1	----	----	----	----	1	----	1	----	----	2	5
New Britain,	28,202	73	2	44	27	11.4	4	2	22.2	----	----	----	----	----	----	----	----	----	----	----	1	1	3	5	2	1	2	----	12
New Haven,	108,027	221	12	118	148	15.2	20	12	21.6	----	----	----	----	----	4	2	----	5	----	----	2	22	17	3	11	17	11	54
New London,	17,548	11	----	16	23	15.7	2	1	13.0	----	----	----	----	----	2	----	----	----	----	----	1	1	2	----	1	3	2	11
Norwalk,	19,932	24	5	10	22	13.2	----	2	9.0	----	----	----	----	----	----	----	----	1	----	----	----	----	----	6	----	3	1	7	4
Norwich,	24,637	30	----	29	42	20.4	3	2	11.9	----	----	----	----	----	----	----	----	----	----	----	----	----	5	7	----	12	2	----	16
Orange,	6,995	7	----	5	7	12.0	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	1	1	1	----	2
Putnam,	7,348	14	1	5	6	9.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	3	----	----	----	1	1
Southington,	5,890	12	----	7	8	16.2	1	----	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	2	2	----	2
Stamford,	18,839	39	3	17	32	20.3	5	2	21.8	----	----	----	----	----	----	----	----	1	----	----	----	----	6	1	2	8	1	3	10
Stonington,	8,540	17	3	8	9	12.6	1	----	11.1	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	2	1	----	3
Thompson,	6,442	7	----	5	7	13.0	2	1	42.8	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	3	----	3
Torrington,	12,453	32	----	18	8	7.7	2	3	62 5	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	----	----	1	1	3
Vernon,	8,483	16	2	13	6	8.4	----	1	16.6	----	----	----	----	----	1	----	----	1	----	----	----	----	----	----	----	1	1	----	2
Wallingford,	9,001	10	----	12	16	21.3	5	2	43.7	----	----	----	----	----	1	----	----	----	1	1	----	----	2	----	----	2	1	----	8
Waterbury,	51,139	109	6	48	61	14.3	17	4	34 4	----	----	----	----	----	1	2	----	1	----	----	2	1	3	8	6	4	2	4	27
Winchester,	7,763	14	1	11	6	9.2	2	----	33.3	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	1	----	1	----	2
Windham,	10,137	26	2	20	17	20.1	2	2	23.5	----	----	----	----	----	2	----	----	----	----	----	----	----	4	----	----	----	1	2	8
Total of the 34 above towns,	668,616	1267	68	712	845	15.1	131	58	22.3	----	3	7	3	2	22	8	1	19	2	1	7	7	100	88	26	86	95	48	320
128 towns of less than 5,000 inhabitants,	234,385	308	18	184	259	13.2	36	10	17.7	----	----	----	2	1	6	----	----	4	2	----	6	3	20	25	6	40	28	12	104
Total reported from 162 towns,	903,001	1575	86	896	1104	14.6	167	68	21.2	----	3	7	5	3	28	8	1	23	4	1	13	10	120	113	32	126	123	60	424
Population of towns not reporting,	5,354																												

The Mortality in Public Institutions of the State were: in Bridgeport, 18; in Hartford, 31; in Middletown, 17; and in New Haven, 37. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in November: Avon, Beacon Falls, Bloomfield, Bolton, Canterbury, Chaplin, Clinton, Durham, East Haven, Goshen, Hampton, Harwinton, Hebron, Lisbon, Lyme, Mansfield, Marlborough, Middlebury, Monroe, Morris, North Branford, Plainville, Rocky Hill, Roxbury, Salem, Saybrook, Scotland, Simsbury, Southbury, Sterling, Tolland, Union, Voluntown, Wolcott—34.

The Registrars of the following towns have made no report for November: Bethlehem, Columbia, East Lyme, Prospect, Weston, Willington—6.

REMARKS.

By Mortality Reports received, there were 1104 deaths during the month of November. This was 42 more than in October, and 7 more than in November of last year, and 77 more than the average number of deaths in November for the five years preceding.

	1901	1900	1899	1898	1897	1896
January,	1439	1367	1565	1153	1123	1121
February,	1381	1261	1192	1026	1142	1094
March,	1441	1691	1221	1272	1369	1288
Total 1st quarter,	4261	4319	3978	3451	3634	3503
April,	1253	1678	1169	1197	1212	1255
May,	1056	1230	1025	1138	1109	1203
June,	1022	1121	1048	984	978	1099
Total 2d quarter,	3331	4029	3242	3319	3299	3557
July,	1297	1583	1369	1225	1225	1611
August,	1310	1642	1382	1402	1237	1644
September,	1235	1270	1142	1351	1136	1188
Total 3d quarter,	3842	4495	3893	3978	3598	4443
October,	1062	1208	1036	1109	1097	1097
November,	1104	1097	980	1024	1053	983

The death rate was 15.1 for the large towns, for the small towns 13.2, and for the whole State 14.6.

The deaths reported from infectious diseases were 106, being 9.6 per cent. of the total mortality.

The following number of cases of Infectious diseases were reported to this Office by the Health Officers of the following towns:

Small Pox—Bristol, 1; Danielson (borough), 8; Manchester, 4; Moosup, 8.—Total, 21 in 4 towns.

Measles—Ansonia, 3; Bridgeport, 2; Canterbury, 4; Cromwell, 1; Danbury (city), 2; Hartford, 2; Meriden (city), 3; Southbury, 1; Trumbull, 2; Waterbury (city), 2.—Total, 22 in 10 towns.

Scarlet Fever—Ansonia, 2; Berlin, 1; Bridgeport, 29; Bristol, 12; Brooklyn, 2; Canton, 1; Danbury (city), 3; Danbury (town), 1; Danielson (borough), 1; Derby, 5; East Hartford, 4; Ellington, 1; Fairfield, 3; Glastonbury, 2; Greenwich, 6; Griswold, 1; Groton, 1; Hamden, 10; Hartford, 20; Killingly, 8; Manchester, 10; Meriden (city), 10; Meriden (town), 2; Middletown, 1; Naugatuck, 25; New Britain (city), 2; New Haven, 28; New London, 1; Norwich (city), 4; Orange, 1; Plainville, 4; Plymouth, 1; Pomfret, 2; Rockville (city), 5; Salisbury, 1; Seymour, 3; Stratford, 2; Thompson, 2; Wallingford, 4; Waterbury (city), 6; Watertown, 6; West Hartford, 1; Willimantic (city), 1; Winsted (borough), 5.—Total, 240 in 42 towns.

Cerebro-Spinal Fever—Hartford, 1; Oxford, 1.—Total, 2 in 2 towns.

Diphtheria and Croup—Ansonia, 4; Ashford, 4; Bethel, 2; Bridgeport, 9; Bristol, 1; Canton, 2; Danbury (city), 12; Derby, 2; Eastford, 2; Greenwich, 6; Guilford, 1; Hamden, 1; Hartford, 22; Jewett City (borough), 1; Manchester, 5; Meriden (city), 1; Meriden (town), 1; Middletown, 2; Naugatuck, 2; New Britain (city), 1; New Haven, 27; Newington, 1; New London, 7; New Milford, 3; Norwalk, 1; Norwich (city), 2; Rockville (city), 2; Scotland, 1; Shelton (borough), 2; South Norwalk (city), 3; South Windsor, 6; Sprague, 1; Stafford Springs (borough), 3; Thompson, 1; Torrington (town and borough), 3; Voluntown, 2; Wallingford, 4; Waterbury (city), 10; Waterbury (town), 2; West Haven (borough), 4; Willimantic (city), 4; Windsor, 3; Windsor Locks, 1.—Total, 174 in 41 towns.

Whooping Cough—Ansonia (some cases); Brooklyn, 4; Danielson (borough), 1; Killingly, 15+; Norfolk, 5; Thompson, 6; Vernon, 4; Waterbury (city), 2.—Total, 37+ in 8 towns.

Typhoid Fever—Bethel, 3; Bridgeport, 8; Bristol, 3; Brooklyn, 4; Danbury, 1; Derby, 5; East Hartford, 2; Granby, 2; Groton, 1; Haddam, 1; Hamden, 1; Hampton, 1; Hartford, 12; Killingly, 1; Middletown, 1; Milford, 2; Naugatuck, 1; New Haven, 24; New London, 2; North Haven, 1; Norwalk (city), 4; Norwalk (town), 2; Redding, 2; Rocky Hill, 1; Roxbury, 1; Scotland, 1; Southbury, 1; South Norwalk (city), 4; South Windsor, 1; Stafford, 1; Stonington, 1; Suffield, 1; Tolland, 2; Torrington (town and borough), 2; Waterbury (city), 9; Watertown, 1; West Hartford, 1; Westport, 5; Wethersfield, 2; Willimantic (city), 1; Windsor, 3; Windsor Locks, 1; Woodstock, 1.—Total, 124 in 42 towns.

Consumption—Bozrah, 1; Chatham, 3; Madison, 1; Norwalk, 1; Thomaston, 1.—Total, 7 in 5 towns.

In addition to the above, is a list of Towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Avon, Barkhamsted, Beacon Falls, Bethany, Bethlehem, Bloomfield, Bolton, Branford, Bridgewater, Brookfield, Burlington, Canaan, Chaplin, Cheshire, Chester, Colchester (town and borough), Colebrook, Columbia, Cornwall, Coventry, Darien, Durham, East Haddam, East Haven, East Lyme, Easton, East Windsor, Farmington, Franklin, Goshen, Hartland, Harwinton, Hebron, Huntington, Kent, Killingworth,. Lebanon, Ledyard, Lisbon, Litchfield, Lyme, Mansfield, Marlborough, Middlebury, Middlefield, Monroe, Montville, Morris, New Britain, New Canaan, New Fairfield, New Hartford, Newtown, North Branford, North Canaan, North Stonington, Norwich, Old Lyme, Portland, Preston, Prospect, Putnam, Salem, Saybrook, Sharon, Sherman, Simsbury, Somers, Southington, Stamford, Sterling, Stonington (borough), Union, Warren, Waterford, Westbrook, Weston, Willington, Wilton, Winchester, Windham, Wolcott, Woodbridge, Woodbury. Total, 85.

The following DEATHS are reported by the REGISTRARS in towns of less than 5000 population:

LaGrippe—Salisbury, 1; South Windsor, 1.—Total, 2.

Cerebro-Spinal Fever—Oxford, 1.

Diphtheria and Croup—Ashford, 1; Griswold, 1; Newington, 1; Plainfield, 1; Ridgefield, 1; South Windsor, 1.—Total, 6.

Typhoid Fever—Milford, 1; North Haven, 1; Portland, 1; Woodstock, 1.—Total, 4.

Consumption—Barkhamsted, 1; Bethel, 1; Canton, 1; Colchester, 2; Ellington, 1; Fairfield, 1; Farmington, 1; Litchfield, 1; North Haven, 1; Plainfield, 2; Plymouth, 1; Portland, 2; Seymour, 1; Somers, 1; Stafford, 2; Suffield, 1.—Total, 20.

All the Health Officers of New Haven, New London and Tolland Counties have reported.

But the Health Officers of the following towns have not reported:

HARTFORD Co.—East Granby, Enfield.
FAIRFIELD Co.—Ridgefield, Stamford (city).
WINDHAM Co.—Plainfield.
LITCHFIELD Co.—Washington.
MIDDLESEX Co.—Clinton, Essex, Old Saybrook.

The infectious diseases continue to prevail in varying numbers. The prevalence of measles has much diminished, but Scarlet Fever has increased very markedly. It has occurred in 42 different towns, yet notwithstanding that wide spread prevalence in a territorial sense, the vigilance of the local health officers is proven in the limited number of cases in the whole State. A disease as easily communicated as Scarlet Fever, if occurring in more than 40 towns during one month would, under old methods of management, have caused a good many hundred cases. But by watchful isolation and efficient disinfection the total cases reported were less than 250.

Small Pox has also invaded the State from the surrounding States more frequently than for several years. There have been 22 cases reported during the month in 10 towns.

All the above diseases have been characterized by a remarkable mildness of type.

There have been as yet no deaths from Small Pox, only 7 from Scarlet Fever, and 3 from Measles.

The new code of sanitary regulations approved by the State Board of Health and adopted by the town Health Officers of all the towns in the State have now gone into effect. The most important new feature of the code is the requirement that every case of Pulmonary Consumption shall be reported to the Health Officer of the town, and by him to the State Board of Health. These reports afford a striking illustration of the slow and tardy way in which the public appreciates and undertakes the performance of a new obligation. Although the town Registrars report 120 deaths from Consumption during the month, yet only 7 cases of the disease were reported to the Health Officers of the State. The law makes it the duty of householders to report in cases where physicians are not in attendance. But in this matter it is evident that Doctors and householders have both been neglectful.

The reporting of cases will greatly facilitate Health Officers in their efforts to control the disease. It will give them information of the places where the disease exists and so secure the disinfection of rooms vacated by such patients, before re-occupation; and also enable them to give proper instruction to the victims of consumption and their friends, as to their proper conduct in restricting the disease.

The State Board of Health will forward circulars "On the prevention and restriction of Consumption" to all who apply for them.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, December 15, 1901.

METEOROLOGICAL REPORT FOR THE MONTH OF NOVEMBER, 1901.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.12	30.09	55	54	53	60	46	14	94	91	S W	3	N	4	126	12	.01	Cloudy	Clear	Cloudy
2	30.20	30.26	44	47	48	58	39	19	84	59	N	2	N	10	191	20	.0	Clear	Clear	Clear
3	30 30	30.16	39	46	46	57	35	22	70	65	N	15	N	6	230	22	.0	Clear	Clear	Clear
4	30.07	30.03	37	44	44	55	34	21	65	74	N	6	W	6	158	16	.0	Clear	Clear	Clear
5	30.09	30.08	41	42	42	49	36	13	76	69	N	10	N W	7	211	16	T	Cloudy	Cloudy	Cloudy
6	30.07	30.08	38	40	42	49	35	14	70	49	N	12	N	10	264	16	.0	Cloudy	Clear	Partly Cl'dy
7	30.13	30.00	34	42	42	51	32	19	57	58	N	5	S W	4	168	22	.0	Clear	Partly Cl'dy	Partly Cl'dy
8	29.97	30.09	43	45	48	56	41	15	73	67	W	4	N	9	148	14	T	Cloudy	Clear	Cloudy
9	30.12	30.04	37	44	44	53	34	19	78	71	N W	4	W	8	181	15	T	Cloudy	Clear	Cloudy
10	30.28	30.42	31	31	34	41	28	13	37	37	N	15	N W	6	346	35	.0	Clear	Clear	Clear
11	30.39	29.98	30	41	34	42	26	16	56	76	N W	6	W	4	118	14	.02	Cloudy	Cloudy	Cloudy
12	29.67	29.43	42	46	44	50	39	11	100	78	N W	1	N W	12	138	20	.74	Light Rain	Cloudy	Cloudy
13	29.50	29.51	38	34	37	41	33	8	58	48	W	12	W	17	389	30	T	Clear	Clear	Partly Cl'dy
14	29.35	29.44	35	39	36	39	32	7	72	47	W	20	S W	18	444	34	.0	Cloudy	Cloudy	Cloudy
15	29.56	29.68	34	35	36	40	32	8	66	58	S W	17	S W	12	324	24	T	Cloudy	Clear	Partly Cl'dy
16	29.79	29.88	34	40	38	45	30	15	60	52	S W	12	W	8	250	24	.0	Clear	Clear	Partly Cl'dy
17	29.90	29.94	38	37	38	41	34	7	62	69	N W	4	N W	8	199	18	.0	Cloudy	Cloudy	Cloudy
18	30.04	30.00	32	39	36	43	30	13	69	55	N W	6	N W	5	179	12	.0	Clear	Cloudy	Partly Cl'dy
19	29.98	30.08	32	32	34	39	29	10	64	58	N W	9	N W	6	247	22	.0	Clear	Clear	Clear
20	30.23	30.25	27	32	33	41	25	16	70	54	N W	4	N W	5	202	20	.0	Clear	Clear	Clear
21	30.27	30.29	28	36	34	44	25	19	60	64	N	6	N	4	133	12	.0	Clear	Clear	Clear
22	30.28	30.19	27	39	34	44	24	20	64	67	N W	2	S W	9	145	19	.0	Clear	Clear	Partly Cl'dy
23	30.23	30 15	33	37	36	41	30	11	70	74	N	6	N E	22	273	25	T	Cloudy	Cloudy	Cloudy
24	30.27	29.41	39	41	39	43	35	8	100	100	N E	35	N	18	662	45	.75	Light Rain	Light Rain	Cloudy
25	29.40	29.51	41	36	40	44	35	9	80	86	N W	8	N W	13	318	22	.03	Cloudy	Light Snow	Cloudy
26	29.69	29.85	30	25	29	35	23	12	73	62	N W	10	N W	18	396	30	.03	Cloudy	Cloudy	Partly Cl'dy
27	29.98	30.13	22	22	26	33	20	13	55	44	N W	8	N W	12	294	22	.0	Clear	Clear	Clear
28	30.17	30.20	13	19	18	25	12	13	57	60	N W	15	N W	5	248	22	.0	Clear	Clear	Clear
29	30.09	29.84	17	28	22	29	15	14	63	71	W	4	S W	4	160	17	.03	Partly Cl'dy	Cloudy	Cloudy
30	29.95	30.10	29	28	29	33	25	8	73	65	N	5	N W	3	178	24	.0	Cloudy	Clear	Clear
Month Ave's.	29.98	29.97	34	38	37	44	30	14	69	64	N W	9	N W	9	244	45	Total, 1.61			

SUMMARY.

BAROMETER.

Monthly Mean, 29.98 inches.

Highest, 30.42 in.; Date, 10th.

Lowest, 29.35 in.; Date, 14th.

Monthly range, 1.07 inches.

TEMPERATURE.

Monthly Mean, 37 degrees.
Highest, 60 degrees; Date, 1st.
Lowest, 12 degrees; Date, 28th.
Absolute range, 48 degrees.
Greatest daily range, 22 degrees; Date, 3rd.
Least daily range, 7 deg.; Date, 17th.
Mean daily range, 14 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 76 degrees

WIND.

Prevailing direction, N W.
Mean hourly velocity, 10 miles.
Max. velocity and direction, 43 N; Date, 24th.
Total monthly movement, 7,320 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 13.
*Greatest 24 hour precipitation, (in. and 100ths), 0.76; Date, 23rd and 24th.
Total monthly precipitation, (in. and 100ths), 1.61 in.
Total depth of snowfall (inches and 10ths), in. 0.3
Dates of thunder storms.
Accumulated deficiency of precipitation since Jan. 1st, 0.54 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---34 deg.		1888---43 deg.	
1874---42 "		1889---44 "	
1875---38 "		1890---42 "	
1876---44 "		1891---41 "	
1877---46 "		1892---40 "	
1878---42 "		1893---41 "	
1879---41 "		1894---44 "	
1880---40 "		1895---44 "	
1881---43 "		1896---46 "	
1882---39 "		1897---42 "	
1883---42 "		1898---41 "	
1884---41 "		1899---42 "	
1885---42 "		1900---44 "	
1886---43 "		1901---37 "	
1887---40 "			

COM. RAINFALL. (Inches and 100ths.)

1873---4.73	1888---4.73
1874---3.44	1889---7.78
1875---7.44	1890---0.67
1876---4.43	1891---2.22
1877---7.11	1892---5.46
1878---6.33	1893---2.56
1879---2.33	1894---4.23
1880---2.82	1895---4.84
1881---4.18	1896---2.33
1882---1.31	1897---5.72
1883---1.56	1898---5.69
1884---2.24	1899---1.89
1885---3.49	1900---4.14
1886---3.83	1901---1.61
1887---2.85	

Monthly mean humidity, 67 per cent. Monthly mean dew point, 26. Number of clear days, 10. Number of fair days, 8. Number of cloudy days, 12.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XV. NO. 12.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
R. S. GOODWIN, M.D., THOMASTON.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF DECEMBER, 1901.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of December, 1901, and a Statement of the Births and Marriages for the Month of November, 1901.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in Nov.	Still Births in Nov.	Marriages in Nov.	Total Deaths in Dec.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	20	1	16	14	13.2	4	3	50.0						2	1									1	2		3	5
Branford,	5,706	13		5	6	12.6	1		16.6														2	1					3
Bridgeport,	70,996	160	8	76	85	14.1	16	6	25.8			2	1			2			1			1	12	10	2	13	9	1	32
Bristol,	9,643	20	2	3	8	9.9	1	1	25.0	1							1	1					1	1		1	2		
Danbury,	19,474	35	3	14	26	16.0	5	3	30.7						3			1					2	2		5	4	1	8
Derby,	7,930	13	2	10	16	24.2	4	1	31.2						1								3	1	1	1	1		8
East Hartford,	6,406	5	2	1	7	13.1		1	14.2														1	2		2	1		1
Enfield,	6,699	11	1	12	15	26.8	2		13.3				1										2	5	1		2		4
Greenwich,	12,172	16		5	10	9.8	1	1	20.0						1								2	1		1	1	1	3
Groton,	5,962	7		4	8	16.1		1	12.5											1			1	1		3	1		1
Hartford,	79,850	138	1	55	109	15.3	23	7	27.5			4			1			4				1	1	13	12	4	16	9	3	41
Huntington,	5,572	16		4	8	17.2	2	1	37.5						1								1	1		1		1	3
Killingly,	6,835	10	2	8	9	15.8	1		11.1						1									3			1	1	3
Manchester,	10,601	21	1	8	9	10.1	1		11.1			1	1		1										2	1			3
Meriden,	28,695	55	2	27	28	11.7	4	2	21.4							1						1	2	2	1	4	1	2	14
Middletown,	17,486	16	4	9	34	14.4	2		5.8								1	1					1	7		7	6		11
Naugatuck,	10,541	31		7	14	15.9	1	4	35.7			5											2			1	2		3
New Britain,	28,202	49	1	28	33	14.0	5	5	30.3	1						1						1	4	3		5	2	2	14
New Haven,	108,027	225	8	104	145	15.3	30	8	26.2			3	1		3	1	1				2	2	12	19	5	18	12	5	61
New London,	17,548	21	1	14	27	18.4	5		18.5														6	1		1	3	4	12
Norwalk,	19,932	35	2	15	29	17.4	5	1	20.6						1			1			1	1		2	1	6	4	2	10
Norwich,	24,637	43	1	27	29	14.1	3	2	17.2				1		1								4	7	1	4		1	10
Orange,	6,995	10	1	5	3	5.1		1	33.3						1												1	1	
Putnam,	7,348	7		8	6	9.7	1		16.6																1	1			4
Southington,	5,890	11		3	8	16.2	1		12.5														1	2			1		4
Stamford,	18,839	22	2	18	35	22.2	2	2	11.4						3	1		1					4	2	2	7	3		12
Stonington,	8,540	16		11	16	22.4		1	6.2				1										2		1		3	2	7
Thompson,	6,442	11		5	7	13.0	3	2	71.4				1		2										1			1	1
Torrington,	12,453	21	1	19	10	9.6	2	1	30.0		1												1	2		3		1	2
Vernon,	8,483	15	1	12	10	14.1	1		10.0														2			3	1	1	3
Wallingford,	9,001	23		8	5	6.6	1		20.0																	1			4
Waterbury,	51,139	113	5	50	66	15.4	18	6	36.3						2		1	2		1	1	1	9	9	2	8	6	2	22
Winchester,	7,763	18		2	12	18.5	1		8.3						1								1	2		2	2		4
Windham,	10,137	10		8	9	10.6	2		22.2				1										1	1		2	1		3
Total of the 34 above towns,	668,616	1237	52	601	856	15.3	148	60	24.2	2	1	15	8		26	7	4	11	2	1	6	6	92	100	26	119	79	35	316
132 towns of less than 5,000 inhabitants,	238,014	305	10	159	289	14.5	24	22	15.9			3	4	1	17	2	1	3			3	2	25	33	6	33	34	19	103
Total reported from 166 towns,	906,630	1542	62	760	1145	15.1	172	82	22.1	2	1	18	*12	1	43	9	5	14	2	1	9	8	117	133	32	152	113	54	419
Population of towns not reporting,	1,725																												

The Mortality in Public Institutions of the State were: in Bridgeport, 7; in Hartford, 16; in Middletown, 14; and in New Haven, 24. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in December: Bethany, Bethlehem, Bolton, Brookfield, Chaplin, Colebrook, Columbia, Coventry, Durham, East Haven, Franklin, Goshen, Granby, Hartland, Hebron, Killingworth, Marlborough, Middlebury, Morris, North Haven, Rocky Hill, Salem, Sherman, Voluntown, Warren, Wolcott, Woodbridge—27.

The Registrars of the following towns have made no report for December: Weston, Willington.

REMARKS.

By Mortality Reports received, there were 1,145 deaths during the month of December. This was 41 more than in November, and 16 more than in December of last year, and 6 less than the average number of deaths in December for the five years preceding.

	1901	1900	1899	1898	1897	1896
January,	1439	1367	1565	1153	1123	1121
February,	1381	1261	1192	1026	1142	1094
March,	1441	1691	1221	1272	1369	1288
Total 1st quarter,	4261	4319	3978	3451	3634	3503
April,	1253	1678	1169	1197	1212	1255
May,	1056	1230	1025	1138	1109	1203
June,	1022	1121	1048	984	978	1099
Total 2d quarter,	3331	4029	3242	3319	3299	3557
July,	1297	1583	1369	1225	1225	1611
August,	1310	1642	1382	1402	1237	1644
September,	1235	1283	1142	1351	1136	1188
Total 3d quarter,	3842	4508	3893	3978	3598	4443
October,	1062	1208	1036	1109	1097	1097
November,	1104	1097	980	1024	1053	983
December,	1145	1129	1172	1227	1087	1142
Total 4th quarter,	3311	3434	3188	3360	3237	3222
Total for 12 mos.,	14745	16290	14300	14108	13768	14725

The death rate was 15.3 for the large towns, for the small towns 14.5, and for the whole State 15.1.

The deaths reported from infectious diseases were 242, being 21.1 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns :

Small Pox.—Bristol, 6; New Britain (City), 1.—Total, 7 in 2 towns.

Measles.—Bridgeport, 2; Bristol, 4; Danbury (City), 1; Greenwich, 3; Meriden (City), 2; Middletown, 1; Naugatuck, 1; New Haven, 3; Rocky Hill, 2; Southington, 6; Stafford Springs (borough), 1; Stonington, 1; Stratford, 1; Torrington (town and borough), 2; Trumbull, 5; Waterbury (city), 1.—Total, 36 in 16 towns.

Scarlet Fever.—Ansonia, 1; Beacon Falls, 4; Berlin, 1; Branford, 3; Bridgeport, 32; Bristol, 15; Brooklyn, 2; Canaan, 3; Derby, 5; East Hartford, 5; East Lyme, 4; Ellington, 2; Enfield, 1; Fairfield, 7; Greenwich, 11; Groton, 2; Guilford, 1; Hamden, 8; Hampton, 1; Hartford, 31; Harwinton, 1; Manchester, 8; Meriden (city), 5; Meriden (town), 1; Middletown, 2; Naugatuck, 24; New Britain (city), 3; New Hartford, 1; New Haven, 39; Norfork, 1; Norwalk (city), 1; Plainfield, 1; Plainville, 3; Rockville (city), 2; Salem, 1; Salisbury, 1; Seymour, 3; South Norwalk (city), 1; Sterling, 1; Stonington (borough), 3; Stratford, 2; Suffield, 1; Thomaston, 1; Wallingford, 1; Waterbury (city), 2; Waterbury (town), 1; Watertown, 3; Wethersfield, 2; Windsor, 3; Winsted (borough), 3.—Total, 260 in 48 towns.

Diphtheria and Croup.—Ansonia, 3; Ashford, 5; Bethel, 3; Bridgeport, 6; Bristol, 2; Chatham, 1; Danbury (city), 10; Danbury, (town), 2; Danielson (borough), 1; Derby, 2; Eastford, 2; East Windsor, 2; Farmington, 1; Glastonbury, 1; Greenwich, 2; Hamden, 7; Hartford, 17; Huntington, 1; Manchester, 5; Mansfield, 1; Meriden, 1; Middletown, 1; Montville, 2; Naugatuck, 5; New Haven, 27; New London, 3; North Haven, 2; Norwich (city), 2; Norwich (town), 2; Redding, 3; Rockville (city), 3; Seymour, 1; South Norwalk (city), 1; Stafford, 2; Stafford Springs (borough), 22; Stamford (city), 2; Stamford (town), 2; Suffield, 1; Thomaston, 4; Thompson, 6; Torrington, 1; Union, 3; Wallingford, 4; Waterbury (city), 12; West Hartford, 1; West Haven (borough), 1; Wilton, 1; Windsor, 1; Windsor Locks, 1; Winsted (borough), 3; Wolcott, 2.—Total, 196 in 48 towns.

Whooping Cough.—Ansonia (many cases); Branford, 1; Bridgeport, 3; Darien, 6; Stamford (city), 5; Thompson, 11; Watertown, 4.—Total, 30+ in 7 towns.

Typhoid Fever.—Bethel, 1; Bloomfield, 1; Bridgeport, 2; Bristol, 3; Burlington, 1; Chatham, 1; Cornwall, 1; Danbury (city), 1; Derby, 3; East Lyme, 2; Haddam, 1; Hamden, 4; Hartford, 4; New Haven, 14; New London, 1; North Branford, 2; North Haven, 2; Norwalk (city), 3; Norwalk (town), 1; Norwich, 1; Pomfret, 1; Ridgefield (borough), 1; Rockville (city), 2; Southbury, 1; Stafford Springs (borough), 1; Stamford (city), 4; Torrington (town and borough), 3; Wallingford, 1; Waterbury (city), 4; West Haven (borough), 2.—Total, 69 in 29 towns.

Consumption.—Bridgeport, 2; Derby, 1; New Milford, 1; Norwalk, 1.—Total, 5 in 4 towns.

Typhus Fever.—Stonington, 1.

In addition to the above, is a list of the towns whose Health Officers report that they have not been notified of any infectious diseases :

Andover, Avon, Barkhamsted, Bethany, Bethlehem, Bolton, Bozrah, Bridgewater, Brookfield, Canterbury, Canton, Chaplin, Cheshire, Chester, Clinton, Colchester (town and borough), Colebrook, Columbia, Coventry, Cromwell, Durham, East Haddam, East Haven, Easton, Essex, Franklin, Granby, Griswold, Hartland, Hebron, Jewett City (borough), Kent, Killingly, Killingworth, Lebanon, Ledyard, Lisbon, Litchfield, Lyme, Madison, Marlborough, Middlebury, Middlefield, Milford, Monroe, Morris, New Britain, New Canaan, Newtown, North Stonington, Old Lyme, Old Saybrook, Orange, Oxford, Plymouth, Portland, Preston, Prospect, Putnam, Ridgefield, Roxbury, Saybrook, Scotland, Sharon, Sherman, Simsbury, Somers, South Windsor, Sprague, Tolland, Vernon, Voluntown, Warren, Washington, Waterford, Westbrook, Weston, Westport, Willimantic, Willington, Windham, Woodbridge. Woodbury, Woodstock.—Total, 84.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population.

Scarlet Fever—Beacon Falls, 2; Windsor, 1.—Total, 3.

La Grippe—Lisbon, 1; Salisbury, 1; Stafford, 1; Watertown, 1.—Total, 4.

Cerebro Spinal Fever—Colchester, 1.

Diphtheria and Croup—Ashford, 2; Chatham, 1; Eastford, 2; East Windsor, 1; Glastonbury, 1; Montville, 1; Redding, 1; Stafford, 5; Suffield, 1; Thomaston, 1; Windsor, 1.—Total, 17.

Whooping Cough—Ridgefield, 1; Watertown, 1. Total, 2.

Typhoid Fever—North Branford, 1; Southbury, 1; Stafford, 1.—Total, 3.

Consumption—Bozrah, 1; Chatham, 1; Cheshire, 1; Cromwell, 2; East Windsor, 1; Hamden, 2; Madison, 1; Newington, 1; New Milford, 1; Oxford, 1; Plainville, 1; Plymouth, 1; Prospect, 1; Redding, 1; Salisbury, 1; Stafford, 1; Stratford, 1; Thomaston, 1; Washington, 1; Watertown, 1; Westport, 1; Wilton, 1; Woodstock, 1.—Total 25.

All the Health Officers of New Haven, New London, Windham, Middlesex and Tolland Counties have reported.

But the Health Officers of the following towns have not reported :

Hartford Co.—East Granby, Newington.

Fairfield Co.—Shelton (borough).

Litchfield Co.—Goshen, North Canaan, Winchester.

The notable facts relating to prevailing diseases are as follows:

Measles—The prevalence has lightly increased over the previous month. There were 36 cases reported from 16 towns.

Scarlet Fever prevailed in 48 towns in the State, from which 260 cases were reported. It is the largest number ever reported in a single month. The deaths were 18.

Diphtheria and Croup were unusually prevalent in December. One hundred and ninety-six cases were reported with 43 deaths. A marked epidemic occurred in Stafford Springs and is still progressing.

Typhoid Fever is less prevalent than usual at this season, but in New Haven the consequences of the epidemic of last April are still apparent, not due, however, to the infected water supply, but to neglect of perfect disinfection of the discharges from previous patients.

One case of Typhus Fever was reported in Stonington. It is the only case of Typhus in the State and the first one reported in several years.

The increasing spread of Small Pox in the State is not surprising in view of the fact that there are still so large a number of ignorant, prejudiced and indifferent people in every community, who neglect the safe and effective protection which vaccination affords.

There is no record of an epidemic of small pox anywhere in the world in a well vaccinated community.

The total deaths in the State for the year 1901 numbered 14,795, that being 1,545 less than in the preceding year.

In March occurred the largest mortality, 1,441, and in June occurred the smallest number, 1,022.

The most fatal disease during the year was consumption, 1,443. The next highest mortality was from pneumonia, 1,382.

Measles was fatal in the year to the number of 71.

Scarlet Fever caused 78 deaths.

Diphtheria and Croup killed 308.

Typhoid Fever mortality was 262.

Whooping Cough mortality was 92.

There were only 3 deaths from Small Pox.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, December 15, 1901.

METEOROLOGICAL REPORT FOR THE MONTH OF DECEMBER, 1901.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date	Barometer.†		Temperature.‡						Relative Humidity.‖		Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A.M.		8 P.M.						
	8 A.M.	8 P.M.	8 A.M.	8 P.M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A.M.	8 P.M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A.M.	8 P.M.	
1	30.12	30.00	31	41	36	47	24	23	73	76	S W	7	S W	6	205	24	.0	Clear	Clear	Clear
2	29.94	29.90	42	51	46	54	38	16	88	65	S W	4	W	4	198	20	.0	Partly Cl'dy	Cloudy	Partly Cl'dy
3	29.97	29.54	36	28	34	42	25	17	73	100	N	14	N	18	389	26	.98	Cloudy	Sleeting	Cloudy
4	29.85	30.11	18	17	20	25	15	10	68	83	N W	8	N W	12	236	33	.18	Clear	Clear	Clear
5	30.23	30.29	14	16	16	22	10	12	70	74	N W	4	N	9	192	17	.0	Clear	Clear	Clear
6	30.42	30.50	8	17	14	23	6	17	67	64	N	15	N	12	300	20	.0	Clear	Clear	Clear
7	30.55	30.47	9	22	16	26	7	19	68	78	N	18	N	6	237	18	.0	Clear	Clear	Clear
8	30.38	30.24	26	37	30	39	20	19	87	91	N	2	S	6	98	10	.0	Cloudy	Cloudy	Cloudy
9	30.03	29.96	41	44	44	49	39	10	84	84	S	8	S W	3	183	17	.0	Partly Cl'dy	Cloudy	Partly Cl'dy
10	29.55	30.05	50	39	44	52	35	17	96	55	S	17	S W	11	403	40	.71	Light Rain	Clear	Partly Cl'dy
11	30.30	30.35	33	40	40	47	32	15	74	68	W	7	S W	4	151	12	.0	Clear	Clear	Clear
12	30.38	30.39	33	37	39	46	32	14	75	78	S W	3	N W	6	88	10	.0	Clear	Clear	Clear
13	30.33	30.31	37	50	44	53	35	18	83	100	N	10	S E	6	166	15	.12	Cloudy	Foggy	Cloudy
14	30.20	29.93	52	54	51	54	47	8	86	91	S E	10	S	33	483	35	.01	Cloudy	Misting	Cloudy
15	29.57	29.91	56	22	38	59	17	42	100	70	S	14	N W	25	580	39	1.68	Heavy Rain	Clear	Cloudy
16	30.06	30.11	10	19	16	22	10	12	60	38	N W	15	N	8	397	30	.0	Clear	Partly Cl'dy	Clear
17	30.05	29.93	14	14	15	17	13	4	59	89	N E	20	N	17	326	26	.05	Cloudy	Light Snow	Partly Cl'dy
18	30.02	30.12	14	18	18	25	11	14	66	84	N	6	N	1	146	15	.08	Clear	Clear	Clear
19	30.23	30.27	11	22	17	25	9	16	70	58	N	10	W	4	129	11	.0	Cloudy	Cloudy	Partly Cl'dy
20	30.35	30.26	12	17	16	22	11	11	63	66	N	6	N	11	205	16	.0	Cloudy	Clear	Partly Cl'dy
21	30.24	30.34	14	17	19	26	12	14	62	50	N	18	N	7	324	24	.0	Clear	Clear	Clear
22	30.33	30.06	7	31	18	32	5	27	95	68	N	3	S W	15	216	22	.0	Clear	Partly Cl'dy	Clear
23	29.91	29.83	32	36	34	38	30	8	79	77	S W	12	S E	10	240	21	T	Cloudy	Cloudy	Cloudy
24	29.60	29.87	36	38	40	44	35	9	95	75	N W	5	S W	12	209	21	.44	Cloudy	Cloudy	Partly Cl'dy
25	29.79	30.01	37	39	38	42	33	9	83	67	S E	10	N	13	158	16	T	Cloudy	Cloudy	Cloudy
26	30.29	30.10	28	34	35	42	28	14	65	95	N	2	E	8	116	14	.11	Clear	Light Rain	Clear
27	29.79	30.17	35	39	37	42	32	10	100	75	N W	10	N	15	297	27	.88	Light Rain	Clear	Partly Cl'dy
28	30.36	30.20	28	39	35	43	27	16	70	83	N W	6	E	11	171	13	.0	Clear	Cloudy	Partly Cl'dy
29	29.57	29.48	46	48	48	53	43	10	100	100	E	24	S W	4	289	38	1.86	Heavy Rain	Light Rain	Cloudy
30	29.48	29.70	39	37	39	47	31	16	100	78	N	14	N W	2	273	20	.55	Light Rain	Cloudy	Cloudy
31	29.78	29.80	28	36	32	42	22	20	71	64	N W	5	W	27	314	38	.0	Clear	Clear	Clear
Month Ave's.	30.05	30.07	28	32	31	39	24	15	78	76	N	10	N	10	249	39	Total, 7.65			

SUMMARY.

Barometer.

Monthly Mean, 30.06 inches.

Highest, 30.54 in.; Date, 7th.

Lowest, 29.48 in.; Date, 30th.

Monthly range, 1.06 inches.

Temperature.

Monthly Mean, 31 degrees.
Highest, 59 degrees; Date, 15th.
Lowest, 5 degrees; Date, 22d.
Absolute range, 54 degrees.
Greatest daily range, 42 degrees; Date, 15th.
Least daily range, 4 deg.; Date, 17th.
Mean daily range, 15 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 105 degrees.

Wind.

Prevailing direction, N.
Mean hourly velocity, 10 miles.
Max. velocity and direction, 39 S; Date, 15th.
Total monthly movement, 7,719 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 15.
*Greatest 24 hour precipitation, (in. and 100ths), 2.02; Date, 29th and 30th.
Total monthly precipitation, (in. and 100ths), 7.65 in.
Total depth of snowfall (inches and 10ths), in. 6.5
Dates of thunder storms.
Accumulated excess of precipitation since Jan. 1st, 4.70 inches.

Compar. Temp. (Mon. Mean.)

1873---33 deg.	1888---33 deg.	1873---4.41	1888---5.68
1874---33 "	1889---39 "	1874---2.85	1889---2.62
1875---33 "	1890---27 "	1875---1.39	1890---2.90
1876---26 "	1891---39 "	1876---2.38	1891---3.74
1877---38 "	1892---28 "	1877---1.40	1892---1.72
1878---34 "	1893---31 "	1878---5.50	1893---3.22
1879---35 "	1894---32 "	1879---4.41	1894---3.33
1880---28 "	1895---35 "	1880---3.49	1895---1.91
1881---38 "	1896---29 "	1881---4.75	1896---9.40
1882---30 "	1897---34 "	1882---2.99	1897---5.61
1883---30 "	1898---31 "	1883---3.85	1898---2.11
1884---32 "	1899---34 "	1884---6.41	1899---1.56
1885---33 "	1900---33 "	1885---3.31	1900---2.14
1886---28 "	1901---33 "	1886---3.47	1901---7.65
1887---32 "		1887---3.09	

Com. Rainfall. (Inches and 100ths.)

Monthly mean humidity, 77 per cent. Monthly mean dew point, 24. Number of clear days, 13. Number of fair days, 9. Number of cloudy days, 9.

Notes.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVI. NO. 1.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
R. S. GOODWIN, M.D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. RDOT, M.D., HARTFORD.
H. C. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JANUARY, 1902.

Entered at the Post Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of January, 1902, and a Statement of the Births and Marriages for the Month of December, 1901.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in Dec.	Still Births in Dec.	Marriages in Dec.	Total Deaths in Jan.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	30	2	4	15	14.1	4	1	33.3			1						1					3	1	1	3	1		4
Branford,	5,706	19	1		8	16.8						1											2	2		1		1	1
Bridgeport,	70,996	157	8	32	110	18.4	25	9	30.9			4	2		1	1		1			2	1	10	22	4	13	5	5	39
Bristol,	9,643	19	5	3	7	8.7	1	2	42.8				1									1	1	2					2
Danbury,	19,474	24	1	11	24	14.7	5	3	33.3						1	2		1					2	4	2	2	4		6
Derby,	7,930	15		2	10	15.1	2	1	30.0							1							1	1	1	2	1	1	2
East Hartford,	6,406	12	1	5	9	16.8	2		22.2														2	1		2	2	1	1
Enfield,	6,699	15		8	10	17.9		2	20.0							1							2	1	1	1			4
Greenwich,	12,172	15	1	6	14	13.8	2	3	35.7						1								1	3				1	8
Groton,	5,962	12		6	8	16.1	2		25.0														1	2			1		4
Hartford,	79,850	154	7	42	107	15.0	16	7	21.4			1	1		4		2	2			3	1	8	17	7	9	7	8	37
Huntington,	5,572	13		3	9	19.3	1	1	22.2						1								2	1		2			3
Killingly,	6,835	10		3	5	8.7	1		20.0							1							2			2			1
Manchester,	10,601	16		9	11	12.4	3	4	63.6						3								1	2		3	1		1
Meriden,	28,695	55	5	18	33	13.8	2	2	12.1			1	3				1						6	2	1	3	1	4	11
Middletown,	17,486	26	3	8	42	19.9	3	1	9.5								2					2	8	4		5	6		15
Naugatuck,	10,541	26	3	2	15	17.0	3	4	46.6			2		1	1								2	6			1		2
New Britain,	28,202	65	5	13	24	10.2	5	2	29.1	1				2	1								2	3		1	4	2	8
New Haven,	108,027	234	16	63	147	15.6	20	10	20.4			2			3			2					18	18	7	23	17	10	47
New London,	17,548	50		20	22	15.0	1	1	9.0			1			2								4	2	2	1	1	1	8
Norwalk,	19,932	36	1	8	23	13.8	4		17.3														2	3	1	2	3	2	10
Norwich,	24,637	40	1	15	37	18.0	5		13.5									1					4	4		6	5		17
Orange,	6,995	7		2	11	18.8		1	9.0									1				1	1	1	1		4		2
Putnam,	7,348	13		1	10	16.3	2	2	40.0							1					1						4	1	3
Southington,	5,890	9			6	12.2																		2	1		1	1	1
Stamford,	18,839	35	1	7	36	22.9	8	1	25.0				1		1								4	8	1	3	5	4	9
Stonington,	8,540	10	1	2	10	14.0																	2			2	3		3
Thompson,	6,442	16	1	3	5	9.3	1		20.0														1				1		3
Torrington,	12,453	24	1	5	8	7.7							1									1	1	1			1	1	2
Vernon,	8,483	17		6	14	19.8		1	7.1						1								2	1		2	2		6
Wallingford,	9,001	23	1	3	5	6.6	3		60.0																	1		1	3
Waterbury,	51,139	121	4	22	56	13.1	14	11	44.6			2			1	1		1			1	1	6	5	4	4	6	2	22
Winchester,	7,763	12		6	9	13.9	3		33.3														1	3		2	1		2
Windham,	10,137	17		4	12	14.2	3		25.0	1													1		1	2	2	1	4
Total of the 34 above towns,	668,616	1347	71	342	872	15.6	141	69	24.0	2		15	9	3	21	8	5	10			7	8	103	122	35	97	90	47	290
134 towns of less than 5,000 inhabitants,	239,739	324	23	81	300	15.0	36	13	16.3	1		4	8	2	10	1				1	3	2	20	30	11	49	43	8	107
Total reported from 168 towns,	908,355	1671	94	423	1172	15.4	177	82	22.0	3		19	17	5	31	9	5	10		1	10	10	123	152	46	146	133	55	397
Population of towns not reporting,																													

The Mortality in Public Institutions of the State were: in Bridgeport, 12; in Hartford, 29; in Middletown, 13; and in New Haven, 28. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in January: Andover, Berlin, Bloomfield, Canaan, Chester, Durham, East Granby, East Lyme, Easton, Goshen, Hartland, Harwinton, Hebron, Killingworth, Lyme, Marlborough, Middlefield, Morris, Norfolk, North Branford, Plymouth, Prospect, Saybrook, Scotland, Sherman, Southbury, Sprague, Willington.—28.

REMARKS.

By Mortality Reports received, there were 1,172 deaths during the month of January. This was 27 more than in December, and 267 less than in January of last year, and 157 less than the average number of deaths in January for the five years preceding.

	1902	1901	1900	1899	1898	1897
January,	1172	1439	1367	1565	1153	1123

The death rate was 15.6 for the large towns, for the small towns 15.0, and for the whole State 15.4.

The deaths reported from infectious diseases were 243, being 20.7 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns :

Small Pox.—Ashford, 1 ; Bridgeport, 1 ; Bristol, 2; Manchester, 5 ; New Britain (city), 4 ; New Haven, 2 ; New London, 1 ; Thompson, 8 ; Union, 1 ; Willimantic (city), 7.—Total, 32 in 10 towns.

Measles.—Andover, 1 ; Branford, 10 ; Bristol, 2 ; East Haven, 1 ; Enfield, 3; Goshen, 2+ ; Granby, 1; Greenwich, 3; Guilford, 1; Hebron, 24; Huntington, 2; Killingly, 1; Ledyard, 1; Meriden (city), 1; Middletown, 3 ; New Haven, 14 ; New London, 4 ; North Branford, 1 ; Norwalk (city), 1 ; Norwich (city), 2 ; Ridgefield, 3 ; Rocky Hill, 3 ; Somers, 1 ; Southington, 8 ; Stafford Springs (borough), 1 ; Torrington, 2 ; Trumbull, 4 ; Vernon, 3 ; Wallingford, 3 ; Waterbury, 2 ; West Haven (borough), 2 ; Windham, 4 ; Winsted (borough), 1.—Total, 115+ in 33 towns.

Scarlet Fever.—Ansonia, 3 ; Avon, 2 ; Beacon Falls, 5 ; Berlin, 2 ; Bethel, 1; Bridgeport, 32; Bristol, 4; Brookfield, 1; Brooklyn, 1; Canaan, 1; Chester, 1; Danbury (city), 4; Danielson (borough), 1; East Hartford, 2; East Lyme, 7; Easton, 3; Enfield, 1; Essex, 4; Fairfield, 10; Greenwich, 5 ; Groton, 3 ; Guilford, 2 ; Hamden, 8 ; Hampton, 3 ; Hartford, 68 ; Hebron, 2 ; Kent, 14 ; Killingly, 1; Ledyard, 1; Madison, 1; Meriden (city), 5; Middletown, 9 ; Milford, 2 ; Naugatuck, 15 ; New Britain (city), 3 ; New Canaan, 5 ; New Hartford, 1 ; New Haven, 46 ; Newington, 1 ; New London, 1 ; New Milford, 3 ; Newtown, 1 ; Norwalk, 2 ; Oxford, 2 ; Plainville, 4 ; Plymouth, 4 ; Rockville (city), 4 ; Seymour, 6 ; Shelton (borough), 2 ; So. Norwalk (city), 3 ; South Windsor, 1 ; Stafford Springs (borough), 1 ; Stamford (city), 2 ; Stratford, 1 ; Suffield, 3 ; Torrington, 2 ; Trumbull, 1 ; Wallingford, 6 ; Washington, 4 ; Waterbury, 10 ; West Hartford, 3 ; West Haven (borough), 5 ; Westport, 4 ; Willimantic (city), 1 ; Windsor, 2 ; Windsor Locks, 1 ; Winsted (borough), 1.—Total, 360 in 65 towns.

Cerebro-Spinal Fever.—Ellington, 1 ; Hartford, 1.—Total, 2.

Diphtheria and Croup.—Bridgeport, 7 ; Bristol, 1 ; Brooklyn, 5 ; Canterbury, 1; Canton, 1; Chatham, 1; Danbury (city), 4; Danbury (town), 6 ; Derby, 3; Durham, 1; East Windsor, 3; Ellington, 1; Farmington, 3 ; Glastonbury, 2 ; Greenwich, 8 ; Hamden, 2 ; Hartford, 29 ; Huntington, 4 ; Jewett City (borough), 1 ; Lisbon, 2 ; Manchester, 1 ; Middletown, 1; Milford, 1; Montville, 1; Naugatuck, 3; New Britain, 1; New Fairfield, 2 ; New Hartford, 1 ; New Haven, 15; New London, 5; Norwalk, 3; Old Saybrook, 1; Preston, 1; Redding, 1; Rockville (city), 2; Salisbury, 2; Shelton (borough), 1; Somers, 1; South Norwalk (city), 1; Stafford, 5; Stafford Springs (borough), 51; Stamford (city), 1; Stamford (town), 1 ; Tolland, 5 ; Torrington, 3 ; Wallingford, 4 ; Waterbury, 10 ; Waterford, 2 ; West Haven (borough), 5 ; Wilton, 3 ; Windsor, 4 ; Windsor Locks, 1 ; Winsted (borough), 1.—Total, 225 in 47 towns.

Whooping Cough.—Ansonia, 2 ; Branford, 20 (epidemic) ; Derby, 5 ; Groton, 1 ; Middlebury, 1 ; Monroe, 1 ; Norfolk, 2 ; Shelton (borough), 6 ; Sprague, 1 ; Stamford (city), 24 ; Sterling, 1 ; Waterbury, 4 ; Willimantic (city), 1.—Total, 69 in 13 towns.

Typhoid Fever.—Ansonia, 1 ; Bridgeport, 2 ; Darien, 1 ; Derby, 4 ; East Hartford, 1 ; Harwinton, 1 ; New Haven, 8 ; North Haven, 1 ; Norwich, 2 ; Seymour, 1 ; Southington, 1 ; Stamford (city), 1 ; Waterbury, 7.—Total, 31 in 13 towns.

Consumption.—Bridgeport, 7 ; Derby, 3 ; Hartford, 8 ; Middletown, 2 ; Naugatuck, 2 ; Norwalk, 1 ; Seymour, 2.—Total, 25 in 7 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases :

Barkhamsted, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Burlington, Chaplin, Cheshire, Clinton, Colchester (town and borough), Colebrook, Columbia, Cornwall, Coventry, Cromwell, Eastford, East Granby, East Haddam, Franklin, Griswold, Haddam, Hartland, Lebanon, Litchfield, Lyme, Mansfield, Marlborough, Meriden, Morris, North Canaan, North Stonington, Old Lyme, Orange, Pomfret, Portland, Prospect, Ridgefield (borough), Roxbury, Salem, Saybrook, Scotland, Sharon, Sherman, Simsbury, Southbury, Stonington, Thomaston, Voluntown, Warren, Watertown, Westbrook, Weston, Wethersfield, Willington, Wolcott, Woodbridge, Woodbury, Woodstock. Total 60.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population.

Small Pox—Union, 1.

Scarlet Fever—Beacon Falls, 2; Kent, 1 ; Seymour, 1.—Total, 4.

La Grippe—Bethel, 3 ; Columbia, 1 ; Glastonbury, 1 ; Lebanon, 1 ; Madison, 1 ; Oxford, 1.—Total, 8.

Cerebro Spinal Fever—Ellington, 1 ; New Hartford, 1.—Total, 2.

Diphtheria and Croup—Canton, 1 ; Chatham, 1 ; Lisbon, 1 ; Stafford, 3 ; Suffield, 1 ; Tolland, 1 ; Waterford, 1 ; Wilton, 1.—Total, 10.

Whooping Cough—Plainfield, 1.

Consumption—Avon, 1 ; Bozrah, 1; Chatham, 1; Colchester, 2 ; Darien, 1 ; Essex, 1 ; Glastonbury, 1 ; Haddam, 1; New Hartford, 1 ; New Milford, 1 ; Newtown, 1 ; Portland, 1 ; Salisbury, 2 ; Seymour, 1; Somers, 1 ; Stafford, 1 ; Waterford, 1 ; Wesiport, 1.—Total, 20.

All the Health Officers of Hartford, New Haven, Fairfield and Tolland Counties have reported.

But the Health Officers of the following towns have not reported :

New London Co.—Stonington (borough).
Windham Co.—Plainfield, Putnam.
Litchfield Co.—Winchester.
Middlesex Co.—Killingworth, Middlefield.

ON THE DUTIES OF REGISTRARS.

The Superintendent of Registration most respectfully calls attention of a few of the Registrars of the Vital Statistics of Connecticut to the following correspondence. Doubtless the "few" will be able to identify themselves without further words.

New Haven, Conn., Feb. 7th, 1902.
Office of the Superintendent of Vital Statistics.

Mr. —— ——, Registrar of the Town of ——.

Dear Sir :—Will you kindly mail to this office a new card copy of the death certificate of E—— D. L——? The date of death is given on copy received as January 12th, 1901, and as received for record, January 16th, 1902. An early reply will oblige.

Yours truly,
C. A. LINDSLEY, *Supt. V. S.*

The Reply to the Above.

I sent a correct copy. Will send another if you wish. I think it was an error of the M. D.

Yours truly,
——— ———, *Registrar.*

Superintendent's Reply to the Registrar.

New Haven, Conn., Feb. 11. 1902.

Mr. —— ——, Registrar of Vital Statistics of the town of ——.

Dear Sir :—My object in asking you for a correct copy of the death certificate of E. D. L——, was not only to know if the copy sent me is correct, but also to know if the original certificate itself is correct.

If E. D. L—— died on Jan. 12, *1901*, as your copy states, how did it happen that it was not received at your office for record until Jan. 16, *1902*, as stated on the copy?

As I understand the limits of your authority you can issue a burial permit only upon such certificates as are "required by law."

These certificates are matters of record ; and the law, it is presumed, expects them to be truthful. My opinion is that you would not be justified in issuing a permit for the burial of a person who had been dead a year, without inquiring why the delay in applying for a permit.

If you found the certificate was wrong as to date, the permit should be withheld until a "certificate properly made out and containing the facts required by law" is furnished to you. See Manual, page 24, Sec. 109.

Is it not, therefore, obviously a part of your duty to examine the certificates of death presented to you to know if they are such as the law requires before issuing a permit?

In the present instance the date was undoubtedly a careless mistake, and I submit if in your opinion you have fulfilled the intent of the law in recording an apparent error and sending a copy of it to this office for filing, without any investigation.

The law says that the Registrar "shall amend his records as he may discover mistakes or omissions therein." See Manual, page 23, Sec. 101.

As I understand the case in question, E. D. L—— goes on record in your office as having died Jan. 12, 1901, and the certificate of the death was received for record at your office Jan. 16, 1902, and that your copy of said certificate to the above facts must go on file at the State office without comment.

Excuse me if I seem to have criticized your official conduct unjustly in this matter, but your only reply to my request for a corrected copy of the death certificate being, that you had "sent a correct copy" and that you thought it "an error of the M.D." leads me to infer that you feel no other responsibility, than to issue burial permits upon any death certificates that may be presented to you, and, to make true copies of them however much they may lack the requirements of the law.

I beg your pardon again if I have misunderstood you.

Very sincerely yours,
C. A. LINDSLEY, *Secretary.*

A CORRECTION.

The Bulletin last month stated that there was a case of Typhus Fever in Stonington in December.

Upon making inquiry of the Health Officer for more information about the Typhus case, he writes that it was a mistake. There was no Typhus Fever in Stonington. It should have been reported Typhoid.

Respectfully submitted,
C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, February 15th, 1902.

METEOROLOGICAL REPORT FOR THE MONTH OF JANUARY, 1902.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.42	30.63	6	16	14	22	6	16	74	55	N W	30	N W	7	373	34	.0	Clear	Clear	Clear
2	30.52	30.06	15	37	26	39	14	25	64	69	W	5	S W	22	272	24	.0	Cloudy	Cloudy	Cloudy
3	29.86	30.13	32	16	24	37	12	25	83	62	N W	12	N	12	317	27	.05	Cloudy	Clear	Clear
4	30.35	30.47	7	14	12	18	6	12	51	62	N	15	N	4	268	22	.0	Clear	Clear	Clear
5	30.44	30.33	11	31	22	33	10	23	83	73	S W	11	W	5	132	11	.0	Clear	Cloudy	Clear
6	30.28	30.20	28	33	32	38	27	11	76	80	W	2	S E	5	122	9	.0	Clear	Clear	Clear
7	30.13	30.06	28	32	30	34	27	7	71	83	N	13	N	18	291	18	T	Cloudy	Light Snow	Cloudy
8	30.08	30.04	25	28	26	28	24	4	73	88	N	18	N	12	320	22	.01	Cloudy	Light Snow	Cloudy
9	30.10	30.07	25	33	31	38	24	14	74	80	N	6	S W	4	175	18	.01	Partly Cl'dy	Clear	Clear
10	29.84	29.80	32	39	36	42	30	12	84	87	N W	10	W	6	209	20	.0	Cloudy	Cloudy	Partly Cl'dy
11	29.64	29.42	33	29	32	38	27	11	80	86	W	6	N W	8	146	14	.05	Partly Cl'dy	Light Snow	Cloudy
12	29.30	29.44	20	23	24	31	17	14	82	59	W	7	W	9	297	30	.01	Clear	Clear	Partly Cl'dy
13	29.62	29.82	19	21	22	27	17	10	69	55	W	8	N W	6	219	16	.0	Partly Cl'dy	Clear	Partly Cl'dy
14	30.08	30.13	15	28	26	38	15	23	64	59	N W	5	S W	9	185	15	.0	Clear	Cloudy	Clear
15	30.04	29.90	27	33	32	38	25	13	64	65	S	3	S	4	122	11	.0	Partly Cl'dy	Clear	Partly Cl'dy
16	29.87	29.82	24	34	31	40	22	18	73	71	W	2	N W	6	128	20	.0	Clear	Clear	Partly Cl'dy
17	29.87	30.04	16	20	22	28	16	12	67	20	N	20	N	7	359	26	.0	Clear	Clear	Clear
18	30.09	29.92	20	38	28	39	17	22	61	70	W	6	S W	6	196	17	.0	Clear	Partly Cl'dy	Clear
19	29.98	30.28	34	24	30	39	20	19	86	54	S W	6	N	10	267	24	.02	Clear	Clear	Clear
20	30.44	30.40	14	28	23	33	13	20	59	68	N	8	N E	3	156	14	.0	Clear	Clear	Clear
21	30.21	29.82	25	45	34	46	23	23	68	89	E	9	E	26	422	40	T	Cloudy	Light Rain	Cloudy
22	29.36	29.42	46	38	42	49	35	14	96	95	S E	18	S	6	332	42	.67	Cloudy	Misting	Cloudy
23	29.56	29.79	36	33	34	40	29	11	68	65	N W	12	W	8	227	20	.01	Clear	Clear	Partly Cl'dy
24	29.94	30.12	30	34	34	40	27	13	67	56	N W	8	N W	3	160	17	.0	Clear	Clear	Clear
25	30.31	30.49	25	33	32	39	24	15	55	65	N	6	S W	5	151	18	.0	Clear	Clear	Clear
26	30.51	30.29	27	41	34	44	23	22	73	100	N	6	S E	8	239	17	.07	Cloudy	Light Rain	Cloudy
27	29.96	30.22	44	32	37	49	25	24	100	39	S W	15	N W	10	297	22	.75	Light Rain	Clear	Cloudy
28	30.61	30.72	15	16	20	25	15	10	67	49	N	18	N W	8	318	24	.0	Clear	Clear	Clear
29	30.70	30.43	15	18	16	19	13	6	41	60	N W	8	N W	7	147	15	.06	Cloudy	Cloudy	Cloudy
30	30.26	30.35	14	18	18	22	13	9	81	60	N	9	N	5	209	17	.10	Light Snow	Clear	Partly Cl'dy
31	30.43	30.24	14	22	18	24	12	12	66	90	N	14	N E	12	262	20	.02	Cloudy	Light Snow	Cloudy
Month Ave's.	30.09	30.09	23	29	27	35	20	15	72	68	N	10	N W	8	236	42	Total, 1.83			

SUMMARY.

BAROMETER.

Monthly Mean, 30.09 inches.

Highest, 30.72 in.; Date, 28th.

Lowest, 29.30 in.; Date, 12th.

Monthly range, 1.42 inches.

TEMPERATURE.

Monthly Mean, 27 degrees.
Highest, 49 degrees; Date, 22d.
Lowest, 6 degrees; Date, 1st.
Absolute range, 43 degrees.
Greatest daily range, 25 degrees; Date, 2d.
Least daily range, 4 deg.; Date, 8th.
Mean daily range, 15 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 9 degrees.

WIND.

Prevailing direction, N. W.
Mean hourly velocity, 10 miles.
Max. velocity and direction, 42 E; Date, 22d.
Total monthly movement, 7,319 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 15.
*Greatest 24 hour precipitation, (in. and 100ths), 82; Date, 26th and 27th.
Total monthly precipitation, (in. and 100ths), 1.83 in.
Total depth of snowfall (inches and 10ths), in. 5.8
Dates of thunder storms, none.
Accumulated deficiency of precipitation since Jan. 1st, 4.31 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---24 deg.	1888---21 deg.	1873---7.42	1888---5.48
1874---32 "	1889---34 "	1874---4.27	1889---4.47
1875---23 "	1890---35 "	1875---2.72	1890---3.03
1876---35 "	1891---31 "	1876---1.54	1891---6.77
1877---27 "	1892---27 "	1877---1.00	1892---5.38
1878---31 "	1893---20 "	1878---6.80	1893---3.47
1879---26 "	1894---30 "	1879---2.69	1894---2.74
1880---37 "	1895---27 "	1880---3.75	1895---5.13
1881---21 "	1896---25 "	1881---4.79	1896---1.82
1882---27 "	1897---28 "	1882---5.91	1897---3.85
1883---24 "	1898---30 "	1883---5.60	1898---4.96
1884---24 "	1899---28 "	1884---4.63	1899---4.33
1885---27 "	1900---30 "	1885---4.05	1900---3.60
1886---25 "	1901---28 "	1886---3.53	1901---1.38
1887---25 "	1902---27 "	1887---4.24	1902---1.83

COM. RAINFALL. (Inches and 100ths.)

Monthly mean humidity, 70 per cent. Monthly mean dew point, 18. Number of clear days, 14. Number of fair days, 7. Number of cloudy days, 10.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XVI. No. 2.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
R. S. GOODWIN, M.D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF FEBRUARY, 1902.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of February, 1902, and a Statement of the Births and Marriages for the Month of January, 1902.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in Jan.	Still Births in Jan.	Marriages in Jan.	Total Deaths in Feb.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	31	1	5	16	15.1	8	1	56.2											1			2			2			11
Branford,	5,706	14		5	10	21.0	1	1	20.0							2		1					2	1		1	2		1
Bridgeport,	70,996	166	10	61	99	16.5	25	8	33.3						2	1		1					2	23	3	7	4	4	52
Bristol,	9,643	14	3	12	9	11.1	1	1	22.2				1											3		1	2		2
Danbury,	19,474	37	3	8	39	24.0	8	2	25.6				1	1	2	1							5	4	2	5	2	4	12
Derby,	7,930	13	2	11	25	37.8	8	1	36.0				2										5	2	2	1		1	12
East Hartford,	6,406	14		3	7	13.1	2		28.5															2		1	2		2
Enfield,	6,699	18		8	11	19.7	2	1	27.2		1												2	2		2		2	2
Greenwich,	12,172	14	4	8	17	16.7	4		23.5						2								1	1			1		12
Groton,	5,962	14		7	12	24.1																	2	1	1	3	3		2
Hartford,	79,850	161	7	38	99	13.8	16	4	20.2			3	1	1	1	1							6	18	2	8	8	3	47
Huntington,	5,572	15		3	6	12.9	1	1	33.3															3		1	1		1
Killingly,	6,835	5	1	10	8	14.0	1		12.5									1					1		3	2			1
Manchester,	10,601	22		3	7	7.9	1	1	28.5						1									2	1	1	1		1
Meriden,	28,695	46		19	29	12.1	4	4	27.5			2	2									1	2	5		3	2	1	11
Middletown,	17,486	13		7	29	10.9	4		13.7													1	1	2	1	8	6	1	9
Naugatuck,	10,541	25	1	5	23	26.1	3	2	21.7			6	2	1							1		2	1	1	3	1		5
New Britain,	28,202	52	1	33	30	12.7	8	6	46.6	1	1		2	1		1		1					3	4		1	4	1	10
New Haven,	108,027	241	6	81	109	11.7	16	6	20.1			1			1								15	21	8	15	5	5	38
New London,	17,548	12	3	27	22	15.0	3	2	22.7															2	2	3	6	2	7
Norwalk,	19,932	28	2	3	30	18.0	6		20.0				2									1	2	2	11	2	4	1	7
Norwich,	24,637	58	2	22	34	16.5	5		14.7				1										4	4	1	4	2		18
Orange,	6,995	11		3	3	5.1		1	33.3						1			1						1					
Putnam,	7,348	20	1	5	7	11.4	2		28.5															1	1	1	1	2	1
Southington,	5,890	11		5	3	6.1	1		33.3															1			1		1
Stamford,	18,839	31	1	16	24	15.2	5	2	29.1				1					1				1	2	4	2	2	4		7
Stonington,	8,540	7	1	7	8	11.2	1		12.5															1		2	1	1	3
Thompson,	6,442	16			2	3.7																		1	1				
Torrington,	12,453	22	1	9	9	8.6	4	1	55.5				1		1						1			1		1			4
Vernon,	8,483	18		7	8	11.3	2		25.0																	2	1		5
Wallingford,	9,001	15		7	10	13.3	1	1	20.0					1									1	1	1	2		1	3
Waterbury,	51,139	144	3	53	74	17.3	20	10	40.5			2			2		1			1		2	11	15	2	4	3	4	27
Winchester,	7,763	10		3	2	3.0																				1			1
Windham,	10,137	17		8	11	13.0	3		27.2				1						1				1	1	1	2	1		3
Total of the 34 above towns,	668,616	1335	53	502	832	14.9	166	56	26.6	1	2	14	17	5	13	6	1	6	1	3	1	6	73	139	36	93	65	32	318
134 towns of less than 5,000 inhabitants,	239,739	342	13	112	292	14.6	42	17	20.2	1		5	6	2	5				1		2	2	21	39	8	42	27	17	114
Total reported from 168 towns,	908,355	1677	66	614	1124	14.8	208	73	25.0	2	2	19	23	7	18	6	1	6	2	3	3	8	94	178	44	135	92	49	432
Population of towns not reporting,																													

The Mortality in Public Institutions of the State were: in Bridgeport, 9; in Hartford, 28; in Middletown, 16; and in New Haven, 13. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in February: Ashford, Bethlehem, Bolton, Bridgewater, Brooklyn, Chaplin, Clinton, Columbia, Eastford, East Granby, Easton, Goshen, Hampton, Hartland, Hebron, Lisbon, Mansfield, Marlborough, North Branford, North Canaan, Preston, Salem, Scotland, Sherman, Union, Voluntown, Warren, Westbrook, Weston, Willington.—30.

REMARKS.

By Mortality Reports received, there were 1,124 deaths during the month of February. This was 48 less than in January, and 257 less than in February of last year, and 76 less than the average number of deaths in February for the five years preceding.

	1902	1901	1900	1899	1898	1897
January,	1172	1439	1367	1565	1153	1123
February,	1124	1381	1261	1192	1026	1142

The death rate was 14.9 for the large towns, for the small towns 14.6, and for the whole State 14.8.

The deaths reported from infectious diseases were 194, being 17.2 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns :

Small Pox.—New Haven, 4; Putnam, 2; Simsbury, 1; Waterbury, 1; Willimantic (city), 1; Windsor Locks, 6.—Total, 15 in 6 towns.

Measles.—Ansonia, 1; Branford, 150 (epidemic); Bridgeport, 3; Coventry, 3; Enfield, 1; Greenwich, 1; Hartford, 3; Hebron, 3; Huntington, 2; Mansfield, 1; Meriden, 1; Middletown, 1; New Haven, 13; New Milford, 4; North Branford, 4; Norwich (city), 2; Norwich (town), 1; Ridgefield, 4; Rocky Hill, 21 (epidemic); Shelton (borough), 1; Southington, 5; Stamford (city), 22; Stamford (town), 1; Torrington, 2; Trumbull, 5; Waterbury, 1; West Hartford, 1; Wethersfield, 3; Windham, 55; Windsor, 1—Total, 316 in 27 towns.

Scarlet Fever.—Ansonia, 1; Avon, 2; Beacon Falls, 2; Bridgeport, 24; Bristol, 1; Brooklyn, 3; Colchester, 1; Danbury (city), 1; Derby, 2; East Hartford, 2; East Windsor, 1; Enfield, 2; Glastonbury, 11; Greenwich, 1; Guilford, 1; Hamden, 5; Hartford, 43; Hebron, 2; Huntington, 1; Jewett City (borough), 3; Manchester, 3; Mansfield, 1; Meriden (city), 5; Meriden (town), 2; Middlefield, 1; Middletown, 5; Naugatuck, 24; New Britain (city), 5; New Britain (town), 1; New Haven, 40; Newington, 1; New London, 11; Newtown, 1; Norwalk (city) 2; Norwalk (town), 1; Norwich (city), 1; Portland, 1; Rockville (city), 4; Roxbury, 1; Seymour, 3; Stratford, 3; Torrington, 1; Wallingford, 4; Waterbury, 6; West Hartford, 3; Willimantic (city), 1; Wilton, 1; Windsor Locks, 1.—Total, 242 in 44 towns.

Cerebro-Spinal Fever.—Brookfield, 1; Hartford, 1; South Windsor, 1.—Total, 3 in 3 towns.

Diphtheria and Croup.—Branford, 1; Bridgeport, 4; Danbury (city), 5; Darien, 1; East Windsor, 1; Enfield, 2; Greenwich, 4; Griswold, 1; Hamden, 2; Hartford, 20; Harwinton, 2; Jewett City (borough), 1; Litchfield, 3; Manchester, 2; Meriden (city), 1; Middletown, 1; Naugatuck, 4; New Britain (city), 1; New Britain (town), 1; New Canaan, 1; New Fairfield, 1; New Haven, 20; New London, 4; Norwich (city), 3; Norwich (town), 1; Rockville (city), 2; South Norwalk (city), 3; Stafford, 1; Stafford Springs (borough), 22; Stamford (city), 4; Tolland, 1; Torrington, 1; Wallingford, 1; Waterbury, 5; West Hartford, 1; West Haven (borough), 1; Westport, 2; Winsted (borough), 1; Woodbridge, 1.—Total, 133 in 35 towns.

Whooping Cough.—Branford, 50 + (epidemic); Norfolk, 6; Redding, 2; Shelton (borough), 2; Stamford (city), 18; Waterbury, 1.—Total, 79 + in 6 towns.

Typhoid Fever.—Bridgeport, 1; Danbury (city) 1; East Hartford, 1; Guilford, 1; Hartford, 2; Middletown, 1; Monroe, 1; New Haven, 12; New Milford, 1; North Haven, 2; Putnam, 1; Seymour, 1; Stamford (city), 2; Waterbury, 1.—Total, 28 in 14 towns.

Consumption.—Bridgeport, 3; Durham, 1; Hartford, 6; Hebron, 2; North Stonington, 1; Norwalk, 1; Old Lyme, 1; South Norwalk (city), 1; Willimantic 2.—Total, 18 in 9 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Barkhamsted, Berlin, Bethany, Bethel, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Burlington, Canaan, Canterbury, Canton, Chaplin, Chatham, Cheshire, Chester, Clinton, Colebrook, Columbia, Cornwall, Cromwell, Danbury, Danielson (borough), Eastford, East Granby, East Haddam, East Haven, East Lyme, Easton, Ellington, Essex, Fairfield, Farmington, Franklin, Goshen, Granby, Hampton, Hartland, Kent, Killingly, Killingworth, Lebanon, Ledyard, Lyme, Madison, Marlborough, Middlebury, Milford, Montville, Morris, New Hartford, North Canaan, Old Saybrook, Orange, Oxford, Plainville, Plymouth, Pomfret, Preston, Prospect, Ridgefield (borough), Salem, Salisbury, Saybrook, Scotland, Sharon, Sherman, Somers, Southbury, Sprague, Sterling, Stonington, Suffield, Thomaston, Thompson, Union, Vernon, Voluntown, Warren, Washington, Waterford, Watertown, Westbrook, Weston, Willington, Winchester, Wolcott, Woodbury, Woodstock. Total 92.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population.

Small Pox—Simsbury, 1.

Scarlet Fever—Fairfield, 1; Kent, 2; Newington, 1; New Milford, 1.—Total, 5.

La Grippe—Cheshire, 1; Milford, 1; New Canaan, 1; Plainville, 1; Ridgefield, 1; Simsbury, 1.—Total, 6.

Cerebro Spinal Fever—Brookfield, 1; South Windsor, 1.—Total, 2.

Diphtheria and Croup—Darien, 1; New Canaan, 1; Old Saybrook, 1; Stafford, 1; Windsor, 1.—Total, 5.

Consumption—Canton, 1; Darien, 2; East Lyme, 1; Griswold, 1; Guilford, 1; New Hartford, 1; North Stonington, 1; Plainfield, 3; Plymouth, 1; Pomfret, 1; Ridgefield, 1; Salisbury, 1; Simsbury, 1; Sterling, 1; Stratford, 1; Tolland, 1; Windsor, 1; Windsor Locks, 1.—Total, 21.

All the Health Officers of Hartford, New Haven, Fairfield, Litchfield and Tolland Counties have reported.

But the Health Officers of the following towns have not reported :

New London Co.—Groton, Lisbon, Stonington (borough).

Windham Co.—Plainfield.

Middlesex Co.—Haddam.

SMALL POX.

During the calendar year, 1901, 78 cases of small pox were reported in Connecticut. These were distributed through 15 towns. During the year 1902 up to the present date, there have been reported 47 cases, making a total of 125 cases during the last 14½ months. Of the 125 cases thus far only 8 have proved fatal, being a death rate of between 6 and 7 per cent. only. The cases of the present year have occurred in 14 different towns. The 125 cases have been distributed among 24 different towns in the State. This is an alarming situation. The remaining 144 towns are equally liable to the disease. Every new invasion of this disease is an occasion of much fright and anxiety, and always of very extraordinary expense. The method of preventing an invasion of small pox is so simple that it is truly astonishing that an intelligent community neglects it. It is simply doing before the disease appears exactly what they all do immediately after its appearance. That is—vaccinate. Vaccinating is one hundred times cheaper than quarantining.

No amount of enterprise in quarantining cases will ever succeed in preventing the spread of small pox so long as it has an unlimited supply of new material to feed upon in the systems of persons so wrong headed, so indifferent or so ignorant as to deliberately keep themselves subject to the contagion by neglecting vaccination. Every unvaccinated person is liable to small pox in any public vehicle or place of assembly. All other means than vaccination are insignificant as compared with the protection which that affords. In the present threatening situation it would seem the duty of school visitors to promptly and rigidly exercise the authority conferred upon them and prohibit all unvaccinated children, from attendance in the public schools unless lawfully excused. It is the duty of all local health officers to consider if they are not justified in prohibiting in like manner the attendance of unvaccinated children at private schools. It would seem to be the duty also of those having many in their employ to co-operate with health officers in using their influence to encourage and promote vaccination among their employees. There is no fact in science better established, by an experience of one hundred years in every civilized country, than the fact, that vaccination scientifically practiced is a safe and sure prevention of small pox.

An epidemic of small pox has never occurred in a well vaccinated community. Vaccination should be performed in infancy, a re-vaccination at the age of 12 or 14 and subsequent vaccinations whenever an individual is exposed, or as in the present instance when an epidemic is prevailing.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, March 15th, 1902.

METEOROLOGICAL REPORT FOR THE MONTH OF FEBRUARY, 1902.

U. S. WEATHER BUREAU, New Haven, Conn. . L. M. TARR, Observer.

Date	Barometer.† 8 A.M.	Barometer.† 8 P.M.	Temperature.‡ 8 A.M.	Temperature.‡ 8 P.M.	Temperature.‡ Daily Mean of Max. and Min.	Temperature.‡ Maximum.	Temperature.‡ Minimum.	Temperature.‡ Range.	Relative Humidity.‖ 8 A.M.	Relative Humidity.‖ 8 P.M.	Wind. 8 A.M. Direction from	Wind. 8 A.M. Vel. in m. per h.	Wind. 8 P.M. Direction from	Wind. 8 P.M. Vel. in m. per h.	Wind. Daily Movement.	Wind. Max. velocity for a single Mile.	Precipitation.* Am't inc. melted snow Inches and 100ths.	Character of Weather. 8 A.M.	Character of Weather. 8 P.M.	Character of Day.
1	30.22	30.08	25	30	26	31	21	10	94	100	N	14	N E	17	353	24	.06	Light Snow	Light Rain	Cloudy
2	29.61	29.10	33	34	34	39	30	9	100	76	N	14	S W	30	503	48	.37	Light Rain	Cloudy	Cloudy
3	29.52	29.80	27	20	25	32	18	14	52	48	W	36	W	24	699	52	.0	Clear	Clear	Clear
4	29.85	29.81	13	18	17	22	12	10	61	75	S W	6	W	10	225	20	T	Cloudy	Clear	Partly Cl'dy
5	29.96	30.11	13	14	16	20	11	9	65	45	W	12	N	7	198	18	T	Clear	Clear	Clear
6	30.17	30.03	12	23	19	27	11	16	63	46	N W	5	W	5	146	12	.0	Clear	Clear	Clear
7	29.88	29.74	18	28	26	36	16	20	65	54	W	3	W	9	237	22	T	Clear	Clear	Clear
8	29.62	29.43	16	24	21	26	16	10	62	47	W	12	W	15	437	33	.0	Clear	Clear	Clear
9	29.49	29.63	30	32	31	36	26	10	76	56	W	10	W	12	301	24	.0	Cloudy	Clear	Partly Cl'dy
10	29.72	29.75	24	26	27	36	18	18	67	39	S W	6	N	6	235	17	.0	Clear	Clear	Clear
11	29.87	29.84	14	22	20	27	14	13	59	44	N W	6	W	10	197	15	.0	Clear	Clear	Clear
12	29.80	29.80	17	27	22	30	15	15	63	53	W	1	N W	5	113	10	.0	Cloudy	Clear	Clear
13	29.86	29.91	19	23	24	32	17	15	63	46	N W	7	N W	15	279	24	T	Clear	Clear	Clear
14	30.11	30.14	21	27	26	33	18	15	49	47	N	9	N	10	325	24	.0	Clear	Clear	Clear
15	30.18	30.19	20	30	30	40	19	21	55	61	N W	4	N W	6	167	15	.0	Clear	Clear	Clear
16	30.21	29.98	20	32	27	36	18	18	52	74	N	12	E	7	250	20	.0	Clear	Partly Cl'dy	Clear
17	29.29	29.88	30	26	28	32	25	7	89	94	N	36	N W	15	661	42	.42	Heavy Snow	Heavy Snow	Cloudy
18	29.10	29.43	27	22	26	32	20	12	76	52	N W	12	W	15	432	28	.06	Partly Cl'dy	Clear	Clear
19	29.72	30.02	16	24	22	32	13	19	51	47	W	14	N W	11	291	24	.0	Clear	Clear	Clear
20	30.25	30.26	21	30	26	40	13	27	63	61	N E	8	W	6	192	22	.0	Clear	Clear	Partly Cl'dy
21	30.20	29.93	24	29	27	34	20	14	72	100	N	4	N	18	254		.42	Cloudy	Sleeting	Cloudy
22	29.69	29.78	31	26	27	31	23	8	100	82	N E	15	N	15	507		.95	Sleeting	Cloudy	Cloudy
23	29.97	30.11	26	33	31	40	22	18	44	60	N	12	E	3	241	28	.0	Clear	Clear	Clear
24	30.22	30.19	21	35	30	40	19	21	69	91	Calm		S E	5	94	10	.0	Clondy	Cloudy	Clear
25	30.13	29.89	33	39	36	42	31	11	95	100	N	13	N E	18	320	30	T	Clondy	Light Rain	Cloudy
26	29.60	29.63	37	42	40	44	37	7	100	85	N	28	N	20	606	36	.22	Misting	Cloudy	Cloudy
27	29.82	29.87	40	42	44	50	37	13	83	77	W	3	S	2	90	8	.0	Clear	Clear	Clear
28	29.86	29.53	40	47	42	48	37	11	100	100	E	11	S E	24	359	34	1.08	Foggy	Misting	Cloudy
Month Ave's.	29.85	29.82	24	29	28	35	21	14	71	66	N	11	W	12	311	52	3.58			

SUMMARY.

Barometer.

Monthly Mean, 29.84 inches.

Highest, 30.26 in.; Date, 20th.

Lowest, 28.88 in.; Date, 17th.

Monthly range, 1.38 inches.

Temperature.

Monthly Mean, 28 degrees.
Highest, 50 degrees; Date, 27th.
Lowest, 11 degrees; Date, 6th.
Absolute range, 39 degrees.
Greatest daily range, 27 degrees; Date, 30th.
Least daily range, 7 deg.; Date, 17th.
Mean daily range, 14 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 48 degrees.

Wind.

Prevailing direction, W.
Mean hourly velocity, 13 miles.
Max. velocity and direction, 52 W; Date, 3d.
Total monthly movement, 8,712 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 13.
*Greatest 24 hour precipitation, (in. and 100ths), 1.34; Date, 21st and 22d.
Total monthly precipitation, (in. and 100ths), 3.58 in.
Total depth of snowfall (inches and 10ths), in. 16. in.
Dates of thunder storms, 28.
Accumulated deficiency of precipitation since Jan. 1st, 3.02 inches.

Compar. Temp. (Mon. Mean.)

1873---26 deg.		1888---28 deg.	
1874---28 "		1889---25 "	
1875---24 "		1890---30 "	
1876---32 "		1891---32 "	
1877---36 "		1892---31 "	
1878---33 "		1893---26 "	
1879---27 "		1894---26 "	
1880---34 "		1895---22 "	
1881---26 "		1896---26 "	
1882 --32 "		1897---30 "	
1883---28 "		1898---31 "	
1884---33 "		1899---29 "	
1885---20 "		1900---29 "	
1886---27 "		1901---24 "	
1887---30 "		1902---28 "	

Com. Rainfall. (Inches and 100ths.)

1873---3.45	1888---3.16
1874---3.86	1889---2.00
1875---3.98	1890---3.19
1876---4.29	1891---5.88
1877---1.07	1892---1.56
1878---6.40	1893---6.23
1879---3.89	1894---4.23
1880---3.80	1895--- .99
1881---6.17	1896---5.65
1882---4.52	1897---2.00
1883---5.00	1898---4.55
1884---5.57	1899---3.38
1885---3.15	1900---6.39
1886---5.95	1901--- .54
1887--- 6.22	1902---3.58

Monthly mean humidity, 69 per cent. Monthly mean dew point, 18. Number of clear days, 17. Number of fair days, 3. Number of cloudy days, 8.

Notes.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVI. No. 3.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SECTY.
R. S. GOODWIN, M.D., THOMASTON.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MARCH, 1902.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of March, 1902, and a Statement of the Births and Marriages for the Month of February, 1902.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in Feb.	Still Births in Feb.	Marriages in Feb.	Total Deaths in Mar.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	33	----	10	14	13.2	2	----	14.2	----	----	----	----	----	1	1	----	----	----	----	----	----	1	2	1	----	1	1	6
Branford,	5,706	6	----	1	11	23.1	5	2	63.6	----	1	----	----	----	----	3	----	----	----	----	----	----	2	----	----	3	----	----	2
Bridgeport,	70,996	129	6	48	104	17.5	20	20	38.4	----	----	1	2	----	6	----	----	----	----	----	2	----	15	17	5	9	9	2	36
Bristol,	9,643	17	1	7	10	12.4	1	1	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	2	2	----	1	3	----	2
Danbury,	19,474	34	3	4	37	22.7	5	2	18.9	----	----	1	----	----	1	1	----	----	----	1	----	----	5	6	3	4	3	3	9
Derby,	7,930	11	1	5	10	15.1	3	1	40.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	3	1	----	----	1	4
East Hartford,	6,406	9	----	2	8	14.9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	----	6
Enfield,	6,699	7	2	3	10	17.9	3	----	30.0	----	----	----	1	----	----	----	----	----	----	----	----	----	1	1	----	3	1	----	3
Greenwich,	12,172	11	1	4	19	18.7	4	1	26.3	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	1	2	3	1	10
Groton,	5,962	6	1	----	9	18.1	2	----	22.2	----	----	1	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	1	5
Hartford,	79,850	159	5	45	111	15.4	25	3	25.2	----	----	5	2	1	----	----	----	----	----	----	2	1	10	9	1	17	6	2	55
Huntington,	5,572	11	----	----	7	15.0	2	----	28.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	----	----	----	----	3
Killingly,	6,835	10	1	3	7	12.2	----	1	14.2	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	1	2	----	1
Manchester,	10,601	14	----	4	5	5.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	1	----	2
Meriden,	28,695	40	1	9	35	14.6	2	1	8.5	----	----	----	----	----	1	----	----	----	----	----	----	----	7	4	2	6	4	----	11
Middletown,	17,486	10	----	7	36	11.6	2	----	5.5	----	----	----	----	----	----	----	1	----	----	----	1	----	2	11	1	3	2	----	15
Naugatuck,	10,541	25	----	5	17	19.3	3	4	41.1	----	----	2	----	----	1	----	1	----	----	----	----	----	2	4	3	----	----	----	4
New Britain,	28,202	68	5	19	46	19.5	13	1	30.4	----	----	2	1	----	----	----	----	----	----	----	----	----	6	2	3	3	5	3	21
New Haven,	108,027	201	13	56	154	16.1	29	6	22.7	----	----	----	1	----	1	1	----	2	1	----	2	----	15	17	7	22	18	8	59
New London,	17,548	8	----	6	32	21.8	5	2	21.8	----	----	----	----	----	3	----	----	1	----	----	----	----	5	2	1	2	3	3	12
Norwalk,	19,932	31	3	7	26	15.6	1	3	15.3	----	----	----	----	----	----	----	1	----	----	----	----	----	3	6	----	3	5	3	5
Norwich,	24,637	48	3	13	29	14.1	3	1	13.7	----	----	----	----	----	----	----	----	----	----	----	----	1	2	4	----	7	3	----	12
Orange,	6,995	7	----	1	3	5.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	1	----	----
Putnam,	7,348	9	1	4	14	22.8	3	----	21.4	----	----	----	1	----	----	----	----	----	----	----	----	----	2	3	----	3	----	1	4
Southington,	5,890	8	2	6	5	10.1	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	1	----	----	1	----	1
Stamford,	18,839	32	3	12	27	17.1	5	4	33.3	----	----	----	----	1	----	1	----	1	----	----	----	----	1	4	3	4	3	2	7
Stonington,	8,540	6	----	5	8	11.2	1	----	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	1	----	----	4
Thompson,	6,442	13	1	3	7	13.0	2	----	28.5	----	----	----	----	----	----	----	----	----	----	----	1	----	2	1	----	1	1	----	1
Torrington,	12,453	32	1	6	3	2.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	----	----	1
Vernon,	8,483	13	----	2	7	9.9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	1	----	----	4
Wallingford,	9,001	17	2	2	10	13.3	1	----	10.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	2	1	4
Waterbury,	51,139	133	5	31	83	19.4	17	11	33.7	1	----	5	----	----	----	----	----	----	----	1	----	----	13	15	1	8	5	3	31
Winchester,	7,763	6	----	5	6	9.2	----	1	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	----	----	3
Windham,	10,137	18	----	4	17	20.1	2	----	11.7	----	----	----	----	----	----	----	----	----	----	1	----	----	2	2	----	3	1	1	7
Total of the 34 above towns,	668,616	1188	61	339	927	16.6	161	65	24.3	1	1	16	9	2	15	7	3	4	3	2	8	2	107	131	36	111	83	36	350
132 towns of less than 5,000 inhabitants,	237,341	342	13	65	312	15.7	36	15	16.3	----	----	4	4	1	3	4	1	2	----	----	----	1	33	32	8	40	33	16	130
Total reported from 166 towns,	905,957	1530	74	404	1239	16.4	197	80	22.3	1	1	20	13	3	18	11	4	6	3	2	8	3	140	163	44	151	116	52	480
Population of towns not reporting,	3,398																												

The Mortality in Public Institutions of the State were: in Bridgeport, 9; in Hartford, 25; in Middletown, 23; and in New Haven, 28. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in March: Ashford, Beacon Falls, Bethlehem, Bolton, Chaplin, Cornwall, Eastford, East Granby, Easton, Franklin, Goshen, Hartland, Killingworth, Ledyard, Lisbon, Marlborough, North Canaan, Oxford, Preston, Rocky Hill, Salem, Sterling, Trumbull, Union, Voluntown, Warren, Wolcott.—27.

The Registrars of the following towns have made no report for March: East Lyme, Prospect.

REMARKS.

By Mortality Reports received, there were 1,239 deaths during the month of March. This was 115 more than in February, and 202 less than in March of last year, and 160 less than the average number of deaths in March for the five years preceding.

	1902	1901	1900	1899	1898	1897
January,	1172	1439	1367	1565	1153	1123
February,	1124	1381	1261	1192	1026	1142
March,	1239	1441	1691	1221	1272	1369
Total 1st quarter,	3535	4261	4319	3978	3451	3634

The death rate was 16.6 for the large towns, for the small towns 15.7, and for the whole State 16.4.

The deaths reported from infectious diseases were 233, being 18.8 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Berlin, 1; East Windsor, 1; Putnam, 1; Southbury, 1; Stamford (city), 2; Thomaston, 1; Waterbury, 23; Windsor Locks, 2.—Total, 32 in 8 towns.

Measles.—Ansonia, 1; Branford, 48; Bridgeport, 5; Darien, 3; Derby, 1; Glastonbury, 2; Groton, 3; Guilford, 12; Huntington, 2; Lebanon, 6; Milford, 1; New Haven, 28; New London, 1; New Milford, 1; North Haven, 2; Norwich, 1; Old Saybrook, 3; Ridgefield (town and borough), 2; Rocky Hill, 2; Salisbury, 4; Sharon, 2; Sherman, 3; Shelton (borough), 2; Stamford (city), 22; Torrington, 1; Waterbury, 1; Waterford, 1; Windham, 7.—Total, 167 in 28 towns.

Scarlet Fever.—Avon, 2; Beacon Falls, 1; Berlin, 1; Bridgeport, 28; Bristol, 3; Chester, 5; Danbury (city), 1; Derby, 1; East Hartford, 6; East Haven, 1; East Windsor, 1; Ellington, 1; Enfield, 12; Glastonbury, 12; Groton, 1; Guilford, 9; Hamden, 2; Hartford, 64; Huntington, 1; Lebanon, 1; Manchester, 2; Mansfield, 2; Meriden (city), 5; Meriden (town), 1; Middletown, 1; Naugatuck, 18; New Britain (city), 5; New Britain (town), 1; New Haven, 34; New London, 5; New Milford, 5; Norwalk (city), 1; Old Saybrook, 1; Plainville, 6; Plymouth, 2; Rocky Hill, 1; Rockville (city), 3; Salem, 1; Seymour, 3; Shelton (borough), 1; South Windsor, 2; Stonington (borough), 2; Stratford, 1; Wallingford, 1; Washington, 4; Waterbury, 9; Watertown, 5; Wethersfield, 2; Willimantic (city), 1; Woodstock, 1.—Total, 279 in 48 towns.

Cerebro-Spinal Fever.—Hartford, 1; Stamford (city), 1.

Diphtheria and Croup.—Ansonia, 2; Branford, 1; Bridgeport, 7; Bristol, 1; Coventry, 1; Danbury (city), 6; Fairfield, 2; Farmington, 1; Griswold, 1; Hartford, 21; Manchester, 1; Meriden, 2; Middletown, 3; Naugatuck, 2; New Britain (city), 1; New Canaan, 1; New Hartford, 2; New Haven, 12; New London, 3; New Milford, 1; North Haven, 2; Redding, 1; South Windsor, 1; Sprague, 1; Stafford, 2; Stafford Springs (borough), 6; Stamford (city), 6; Suffield, 1; Torrington, 1; Waterbury, 2; West Hartford, 1; Woodbridge, 1.—Total, 96 in 31 towns.

Whooping Cough.—Ansonia, 1; Branford, 4; Darien, 2; Derby, 1; Essex, 5; Groton, 3; Huntington, 4; Meriden (city), 3; Norfolk, 31; Salisbury, 5; Shelton (borough), 5; Stamford (city), 6; Stonington, 2; Waterbury, 1.—Total, 73 in 14 towns.

Typhoid Fever.—Bridgeport, 2; Derby, 1; East Hartford, 1; East Haven, 1; Ellington, 2; Hamden, 1; Hartford, 1; Middletown, 1; New Haven, 6; New London, 1; Sprague, 1; Stamford (city), 2; Torrington, 1; Waterbury, 2; Watertown, 1; Winsted (borough), 1.—Total, 25 in 16 towns.

Consumption.—Bridgeport, 5; Chatham, 1; Colchester, 3; Meriden (city), 3; Norwalk (city), 1; Norwalk (town), 1; Portland, 1; Seymour, 3; South Norwalk (city), 1; Stamford (city), 3.—Total, 22 in 8 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Barkhamsted, Bethany, Bethel, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Brooklyn, Burlington, Canaan, Canterbury, Canton, Chaplin, Cheshire, Clinton, Colebrook, Columbia, Cornwall, Cromwell, Danbury, Danielson (borough), Durham, Eastford, East Granby, East Haddam, East Lyme, Easton, Franklin, Goshen, Granby, Haddam, Hampton, Hartland, Harwinton, Hebron, Jewett City (borough), Kent, Killingly, Killingworth, Ledyard, Lisbon, Litchfield, Lyme, Madison, Marlborough, Middlebury, Middlefield, Monroe, Montville, Morris, New Fairfield, Newington, Newtown, North Branford, North Canaan, North Stonington, Old Lyme, Orange, Oxford, Pomfret, Preston, Prospect, Saybrook, Scotland, Simsbury, Somers, Southington, Stamford, Sterling, Thompson, Tolland, Trumbull, Union, Vernon, Voluntown, Warren, Westbrook, West Haven (borough), Weston, Westport, Willington, Wilton, Winchester, Windsor, Wolcott, Woodbury. Total, 90.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population.

Scarlet Fever.—Glastonbury, 1; New Milford, 1; Seymour, 1; Watertown, 1.—Total, 4.

La Grippe.—Bethel, 1; Plymouth, 1; Roxbury, 1; Sherman, 1.—Total, 4.

Cerebro-Spinal Fever.—Plymouth, 1.

Diphtheria and Croup.—Fairfield, 1; New Canaan, 1; Stafford, 1.—Total, 3.

Whooping Cough.—Norfolk, 1; Plainfield, 1; Watertown, 1; Westport, 1.—Total, 4.

Typhoid Fever.—North Haven, 1; Sprague, 1.—Total, 2.

Consumption.—Berlin, 1; Canton, 1; Chatham, 1; Cromwell, 1; Durham, 1; Fairfield, 1; Farmington, 1; Griswold, 1; Haddam, 1; Lebanon, 2; Litchfield, 1; Madison, 1; Middlefield, 1; New Canaan, 1; New Milford, 1; Newtown, 1; Plainfield, 1; Plainville, 1; Plymouth, 2; Redding, 1; Roxbury, 1; Salisbury, 1; Seymour, 2; Sharon, 1; Stafford, 1; Westport, 3; Wethersfield, 1; Woodbury, 1.—Total, 33.

All the Health Officers of Hartford, New Haven, Litchfield, Middlesex and Tolland Counties have reported.

But the Health Officers of the following towns have not reported:

New London Co.—Norwich (city).
Fairfield Co.—Greenwich.
Windham Co.—Plainfield.

THE GENERAL HEALTH OF THE STATE.

Small Pox is still occurring sporadically in several towns, but is epidemic only in Waterbury. As an illustration of the possible control of the disease, it is reported that, except in Waterbury, it has been limited to one case in five other towns and to two cases in the other two towns in which it has appeared. Its greater spread in Waterbury is due to the large number of unvaccinated persons, the large foreign population, and the greater facilities for concealing the presence of the disease until many have been exposed to it.

Measles was present in about the same number of towns as in the previous month, but the number of cases reported was only slightly more than half as many.

How much the diminished number of cases is due to the new regulation which requires all houses in which the disease exists to be placarded, can only be determined by a longer experience.

Until recently the reporting and placarding measles was not generally practiced. Much influence in restricting its prevalence is expected from prompt reports of cases to the Health Officers, and from the warning given by placards.

Scarlet Fever has prevailed somewhat more than in February, but maintains the same mild character and small fatality.

Diphtheria and Croup have considerably diminished in their prevalence and mortality, as compared with the two previous months of the quarter.

Typhoid Fever is reported in 16 towns only, in the State, and except in New Haven there are not more than two cases in any one town. In all the State only 25 cases were reported.

Pneumonia has been the most fatal disease, exceeding the fatality of consumption by 23 deaths. But the deaths from pneumonia for the three months ending March 31 were 241 less than in the same months of the previous year.

Consumption.—The deaths from consumption numbered 46 less for the quarter ending March 31, 1902, than in the same quarter of 1901.

There were 140 deaths from consumption reported in March. Although the new sanitary regulations, recently adopted, require the notification of all consumptive subjects to the Town Health Officer, yet only 22 cases were so reported, notwithstanding there were 140 deaths from the disease.

While the communicable diseases have been generally reduced in frequency, the other forms of disease have not increased, and the month of March throughout the State has been a healthy month as compared with the previous winter months or with the same month of previous years.

Respectfully submitted.

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, April 15th, 1902.

METEOROLOGICAL REPORT FOR THE MONTH OF MARCH, 1902.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.66	29.78	42	44	48	54	41	13	85	85	S W	3	S	6	226	24	.07	Clear	Clear	Clear
2	29.43	29.25	44	46	44	50	39	11	98	76	N E	8	S W	30	336	30	.53	Light Rain	Clear	Cloudy
3	29.56	29.70	38	40	40	44	36	8	91	64	W	12	W	8	253	17	T	Sprinkling	Cloudy	Cloudy
4	29.86	29.98	34	36	37	42	32	10	76	55	W	11	N W	5	234	18	.0	Cloudy	Cloudy	Partly Cl'dy
5	29.98	29.44	28	30	28	32	25	7	88	88	N	20	N E	27	538	45	.52	Light Snow	Cloudy	Cloudy
6	29.83	30.18	26	31	30	36	25	11	69	50	N	18	N W	3	346	26	.03	Clear	Clear	Clear
7	30.33	30.35	28	38	34	45	22	23	65	65	S W	7	S W	11	214	20	.0	Clear	Clear	Clear
8	30.46	30.36	37	38	39	44	34	10	65	100	E	3	N E	10	230	22	.14	Cloudy	Light Rain	Partly Cl'dy
9	30.03	30.00	41	41	41	44	38	6	92	76	N E	7	N W	8	264	16	1.49	Light Rain	Clear	Cloudy
10	30.11	30.28	39	42	44	49	38	11	67	69	N W	20	N W	8	306	28	.0	Clear	Clear	Clear
11	30.40	30.28	36	40	39	46	32	14	77	87	N	3	S	12	188	16	.0	Partly Cl'dy	Clear	Clear
12	30.12	29.87	42	50	49	60	38	22	85	80	S W	7	S W	12	206	16	.0	Partly Cl'dy	Cloudy	Partly Cl'dy
13	29.68	29.71	47	49	49	58	40	18	86	70	S W	12	N	12	256	22	.01	Light Rain	Cloudy	Cloudy
14	30.19	30.46	37	38	41	50	32	18	74	65	N	18	S W	11	279	20	.01	Partly Cl'dy	Clear	Clear
15	30.52	30.48	33	38	36	44	28	16	65	87	E	6	E	8	169	13	.0	Partly Cl'dy	Cloudy	Clear
16	30.32	30.08	46	50	46	54	37	17	91	96	E	7	S E	16	264	27	T	Cloudy	Cloudy	Cloudy
17	29.94	29.94	45	44	46	51	40	11	86	46	N	12	N	8	287	30	.49	Light Rain	Cloudy	Cloudy
18	30.01	29.97	30	27	32	40	24	16	62	58	N	20	N W	15	413	26	.0	Clear	Clear	Clear
19	29.70	29.49	23	29	28	33	23	10	59	85	N W	28	N	20	611	40	.04	Cloudy	Light Snow	Cloudy
20	29.78	29.71	33	37	38	44	32	12	71	91	N	14	N	15	333	20	T	Partly Cl'dy	Sprinkling	Partly Cl'dy
21	29.84	29.90	42	46	48	56	40	16	85	75	N W	12	N W	20	303	17	T	Cloudy	Clear	Clear
22	29.94	29.94	46	56	53	65	41	24	65	60	N	7	N	7	209	15	.0	Cloudy	Partly Cl'dy	Partly Cl'dy
23	30.02	29.96	46	55	52	64	41	23	77	43	N	6	N	10	198	17	.0	Cloudy	Clear	Clear
24	30.02	30.04	44	43	46	54	29	13	67	48	N	5	N	9	257	25	.0	Clear	Partly Cl'dy	Clear
25	30.14	30.20	38	40	44	53	35	18	65	75	N	14	S E	7	216	19	.0	Clear	Clear	Clear
26	30.36	30.34	39	40	41	52	30	22	67	75	N E	12	S E	10	183	15	.0	Clear	Clear	Clear
27	30.30	30.16	40	41	42	49	24	15	68	76	S	10	S	11	226	17	.0	Partly Cl'dy	Clear	Clear
28	30.06	29.96	41	47	44	49	39	10	88	100	S	4	S	7	173	14	.14	Cloudy	Light Rain	Cloudy
29	29.64	29.54	49	50	50	55	45	10	100	100	S	29	S W	7	343	36	1.13	Light Rain	Cloudy	Cloudy
30	29.67	29.57	51	50	53	60	46	14	79	74	N W	6	S W	9	188	15	T	Clear	Light Rain	Clear
31	29.49	29.38	44	38	42	50	33	17	71	83	W	15	S W	8	256	35	.03	Clear	Light Rain	Partly Cl'dy
Month Ave's.	29.98	29.95	39	42	42	49	35	14	77	74	N	12	N	11	274	45	4.63			

SUMMARY.

BAROMETER.

Monthly Mean, 29.96 inches.

Highest, 30.52 in.; Date, 15th.

Lowest, 29.25 in.; Date, 2d.

Monthly range, 1.27 inches.

TEMPERATURE.

Monthly Mean, 42 degrees.
Highest, 65 degrees; Date, 22d.
Lowest, 22 degrees; Date, 7th.
Absolute range, 43 degrees.
Greatest daily range, 24 degrees; Date, 22d.
Least daily range, 6 deg.; Date, 9th.
Mean daily range, 14 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 183 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 11 miles.
Max. velocity and direction, 45 N. E.; Date, 5th.
Total monthly movement, 8,505 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 18.
*Greatest 24 hour precipitation, (in. and 100ths), 1.63; Date, 8th and 9th.
Total monthly precipitation, (in. and 100ths), 4.63 in.
Total depth of snowfall (inches and 10ths), 7.5 in.
Dates of thunder storms, 0.
Accumulated deficiency of precipitation since Jan. 1st, 2.60 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---33 deg.	1888---30 deg.	1873---4.01	1888---7.46
1874---35 "	1889---39 "	1874---1.34	1889---1.44
1875---31 "	1890---34 "	1875---3.24	1890---6.60
1876---35 "	1891---35 "	1876---10.15	1891---3.68
1877---37 "	1892---33 "	1877---8.09	1892---3.07
1878---43 "	1893---34 "	1878---4.18	1893---4.50
1879---36 "	1894---41 "	1879---5.82	1894---1.15
1880---36 "	1895---34 "	1880---5.68	1895---2.36
1881---37 "	1896---31 "	1881. 10.42	1896---6.51
1882 --37 "	1897---38 "	1882---3.59	1897---3.36
1883---36 "	1898---42 "	1883---1.64	1898---2.54
1884---34 "	1899---34 "	1884---4.19	1899---7.28
1885---27 "	1900---33 "	1885---1.19	1900---4.21
1886---35 "	1901---35 "	1886---3.20	1901---5.80
1887---31 "	1902---42 "	1887-- 4.22	1902---4.63

COM. RAINFALL. (Inches and 100ths.)

Monthly mean humidity, 76 per cent. Monthly mean dew point, 33. Number of clear days, 15. Number of fair days, 6. Number of cloudy days, 10.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVI. No. 4.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
R. S. GOODWIN, M.D., THOMASTON.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF APRIL, 1902.

Entered at the Post Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of April, 1902, and a Statement of the Births and Marriages for the Month of March, 1902.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in Mar.	Still Births in Mar.	Marriages in Mar.	Total Deaths in Apr.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	29	----	3	16	15.1	4	2	37.5	----	----	1	----	----	1	----	----	----	----	----	1	----	2	2	1	1	----	3	4
Branford,	5,706	7	----	1	14	29.4	4	3	50.0	----	2	----	----	----	----	5	----	----	----	----	----	----	----	1	1	2	2	----	1
Bridgeport,	70,996	176	6	31	92	15.3	26	10	39.1	----	----	----	1	1	1	----	1	----	1	----	----	----	15	11	5	4	9	2	41
Bristol,	9,643	20	----	1	11	13.6	----	2	18.1	----	----	----	----	----	----	----	----	1	----	----	----	----	1	3	----	1	2	----	3
Danbury,	19,474	21	4	6	24	14.7	----	1	4.1	----	----	----	1	1	1	----	1	----	1	----	----	----	4	2	3	1	1	2	6
Derby,	7,930	14	----	2	4	6.0	----	1	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	1	----	----	1
East Hartford,	6,406	11	----	2	4	7.4	3	----	75.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	----	----	1
Enfield,	6,699	15	----	6	10	17.9	3	----	30.0	----	----	----	----	----	----	----	----	1	----	----	----	----	2	----	----	4	----	----	3
Greenwich,	12,172	21	----	2	22	21.6	3	3	27.2	----	----	1	----	----	----	2	----	1	----	----	1	----	3	1	1	3	2	2	5
Groton,	5,962	6	----	1	10	20.1	----	2	20.0	----	----	2	1	----	----	----	----	----	----	----	----	----	1	2	----	----	3	----	1
Hartford,	79,850	170	7	34	121	16.2	16	12	23.1	2	----	7	----	1	1	1	----	1	----	----	2	----	10	9	2	17	13	5	50
Huntington,	5,572	13	1	4	4	8.6	1	----	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	2
Killingly,	6,835	13	1	4	13	22.8	1	----	7.6	----	----	----	----	----	----	----	----	----	----	----	----	1	----	5	----	1	----	2	4
Manchester,	10,601	25	1	6	5	5.6	1	----	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	1	----	2
Meriden,	28,695	59	1	6	24	10.0	4	1	20.8	----	----	----	1	----	----	----	----	----	1	----	1	----	2	----	----	7	4	1	7
Middletown,	17,486	20	----	5	39	13.0	3	1	10.2	----	----	----	----	----	----	----	2	----	----	----	----	----	9	6	1	12	3	----	6
Naugatuck,	10,541	34	----	4	19	21.6	5	1	31.5	----	----	----	----	----	----	----	----	----	----	----	1	----	3	4	1	1	1	1	7
New Britain,	28,202	81	2	9	28	11.9	4	3	25.0	----	----	1	----	----	----	----	----	----	1	----	----	1	1	5	1	7	----	1	10
New Haven,	108,027	284	4	55	155	16.6	23	19	27.0	----	2	3	2	----	2	----	----	3	----	----	3	2	20	12	10	21	12	8	55
New London,	17,548	43	2	6	24	16.4	7	1	33.3	----	----	1	----	----	----	----	----	1	----	----	----	----	1	----	2	2	3	3	11
Norwalk,	19,932	39	----	3	20	12.0	2	3	25.0	----	----	----	1	----	1	----	----	----	----	----	----	----	3	1	2	1	3	1	7
Norwich,	24,637	61	----	7	37	18.0	3	2	13.5	1	----	----	2	1	----	----	----	----	----	1	----	1	2	2	----	7	6	----	14
Orange,	6,995	8	----	1	7	12.0	----	2	28.5	----	----	----	----	----	----	----	----	2	----	----	----	----	----	1	----	2	----	----	2
Putnam,	7,348	17	----	3	12	19.5	3	1	33.3	1	----	----	----	----	----	----	----	----	----	----	----	1	----	3	1	2	----	1	3
Southington,	5,890	12	----	2	6	12.2	1	----	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	1	----	1	2
Stamford,	18,839	43	2	8	20	12.7	4	3	35.0	1	----	----	----	----	----	----	----	1	----	----	----	----	1	3	1	4	4	----	5
Stonington,	8,540	16	----	3	10	14.0	----	2	20.0	----	----	----	----	----	1	----	----	----	----	----	----	1	1	1	1	----	2	1	2
Thompson,	6,442	16	----	----	12	22.3	1	5	50.0	----	----	----	----	----	1	----	----	----	----	----	3	----	----	3	----	1	1	----	3
Torrington,	12,453	25	----	----	18	17.3	5	1	33.3	----	----	1	----	----	1	----	----	----	----	----	----	3	2	2	----	----	----	3	6
Vernon,	8,483	16	2	4	6	8.4	1	----	16.6	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	2	----	----	3
Wallingford,	9,001	18	----	1	7	9.3	----	2	28.5	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	2	1	----	2
Waterbury,	51,139	141	4	11	80	18.7	15	8	28.7	2	----	2	----	1	2	----	1	----	----	1	1	2	8	9	----	10	7	5	29
Winchester,	7,763	7	----	4	14	21.6	2	----	14.2	----	----	----	----	----	----	----	----	----	----	----	----	----	4	----	----	1	2	1	6
Windbam,	10,137	25	2	2	11	13.0	----	2	18.1	----	----	----	1	----	----	----	----	----	----	----	----	----	3	----	1	2	----	----	4
Total of the 34 above towns,	668,616	1506	39	237	899	16.1	145	93	26.4	7	4	18	11	5	12	8	5	11	4	2	13	9	106	91	36	122	84	43	308
132 towns of less than 5,000 inhabitants,	238,179	363	17	71	292	14.7	27	17	15.4	----	----	5	4	----	3	----	----	3	1	----	----	1	20	38	8	52	46	11	100
Total reported from 166 towns,	906,795	1869	56	308	1191	15.7	172	110	23.8	7	4	23	15	5	15	8	5	14	5	2	13	10	126	129	44	174	130	54	408
Population of towns not reporting,	1,560																												

The Mortality in Public Institutions of the State were: in Bridgeport, 8; in Hartford, 39; in Middletown, 24; and in New Haven, 26. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in April: Andover, Avon, Beacon Falls, Bethany, Bethlehem, Bozrah, Bridgewater, Chaplin, Colebrook, Columbia, Cornwall, East Lyme, Franklin, Hampton, Harwinton, Lebanon, Lisbon, Marlborough, Middlebury, Morris, New Fairfield, North Branford, North Stonington, Oxford, Pomfret, Salem, Southbury, Union, Warren, Windsor Locks, Wolcott, Woodbridge.—32.

The Registrars of the following towns have made no report for April: Canterbury, East Granby.

REMARKS.

By Mortality Reports received there were 1191 deaths during the month of April. This was 48 less than in March, and 62 less than in April of last year, and 111 less than the average number of deaths in April for the five years preceding.

	1902	1901	1900	1899	1898	1897
January,	1172	1439	1367	1565	1153	1123
February,	1124	1381	1261	1192	1026	1142
March,	1239	1441	1691	1221	1272	1369
Total 1st quarter,	3535	4261	4319	3978	3451	3634
April,	1191	1253	1678	1169	1197	1212

The death rate was 16.1 for the large towns, for the small towns 14.7, and for the whole State 15.7.

The deaths reported from infectious diseases were 252, being 21.1 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Berlin, 2; Bridgeport, 1; Hartford, 2; New Haven, 3; Norwich (city), 1; Putnam, 4; Southington, 1; Stamford (city), 1; Thomaston, 1; Waterbury, 38; Watertown, 2; West Hartford, 2; Windsor, 3.—Total, 61 in 13 towns.

Measles.—Ansonia, 2; Branford, 9; Bridgeport, 6; Canterbury, 2; Cheshire, 7; Eastford, 2; Ellington, 5; Glastonbury, 1; Greenwich, 5; Groton, 4; Litchfield, 2; New Canaan, 2; New Haven, 13; New London, 3; North Haven, 4; Norwalk (city), 1; Norwalk (town), 1; Ridgefield, 2; Salisbury, 1; Shelton (borough), 1; Stamford (city), 32; Thompson, 12; Wallingford, 3; Waterford, 4; Watertown, 1; West Haven (borough), 1; Willimantic (city), 1.—Total, 127 in 26 towns.

Scarlet Fever.—Ansonia, 1; Berlin, 1; Bethany, 1; Branford, 5; Bridgeport, 22; Bristol, 3; Brooklyn, 2; Canton, 1; Chatham, 1; Danbury (city), 1; Danielson (borough), 1; Derby, 4; East Hartford, 7; East Windsor, 1; Enfield, 1; Fairfield, 4; Greenwich, 3; Groton, 9; Hamden, 1; Hartford, 101; Hebron, 6; Huntington, 3; Killingly, 1; Manchester, 2; Meriden (city), 1; Middlebury, 1; Naugatuck, 11; New Britain (city), 15; New Haven, 44; New London, 10; New Milford, 1; Newtown, 2; North Haven, 6; Norwalk (city), 1; Norwich (city), 1; Plainville, 3; Plymouth, 1; Putnam, 2; Ridgefield (borough), 3; Rocky Hill, 1; Rockville (city), 6; Seymour, 2; Shelton (borough), 5; South Windsor, 1; Stamford (city), 1; Thomaston, 2; Tolland, 1; Torrington (town and borough), 7; Wallingford, 1; Washington, 1; Waterbury, 13; West Hartford, 4; Wethersfield, 5; Willimantic (city), 1; Winsted (borough), 1; Woodstock, 2.—Total, 338 in 54 towns.

Cerebro-Spinal Fever.—Waterbury, 1.

Diphtheria and Croup.—Ansonia, 5; Avon, 1; Branford, 3; Bridgeport, 5; Bristol, 1; Canton, 2; Danbury (city), 5; Danielson (borough), 1; Darien, 1; Derby, 2; Fairfield, 1; Greenwich, 1; Groton, 1; Hamden, 4; Hartford, 16; Meriden (city), 1; Naugatuck, 1; New Britain (city), 1; New Canaan, 7; New Hartford, 1; New Haven, 15; North Stonington, 1; Norwalk (city), 1; Norwalk (town), 2; Oxford, 1; Redding, 1; South Norwalk (city), 2; Stafford Springs (borough), 4; Stonington (borough), 1; Stratford, 1; Thompson, 3; Torrington, 1; Voluntown, 4; Wallingford, 1; Waterbury, 12; Willington, 2; Wilton, 1.—Total, 113 in 35 towns.

Whooping Cough.—Ansonia, 4; Branford, 4; Brooklyn, 4; Huntington, 1; Meriden (city), 17; Middletown, 1; Norfolk, 18; Salisbury, 6; Shelton (borough), 8; Stamford, (city), 3; Stonington, 2+. Total, 68+ in 11 towns.

Typhoid Fever.—Ansonia, 1; Bridgeport, 4; Bristol, 3; Glastonbury, 1; Hartford, 4; Milford, 1; New Canaan, 3; New Haven, 7; New London, 1; Shelton (borough), 1; South Norwalk (city), 1; Stamford (city), 3; Stonington, 1; Waterbury, 3; West Haven (borough), 1; Winsted (borough), 2.—Total, 37 in 16 towns.

Consumption.—Branford, 1; Bridgeport, 3; Eastford, 1; East Haddam, 2; Groton, 1; Mansfield, 1; Middlebury, 1; Middletown, 4; Salisbury, 1; South Norwalk (city), 1; Watertown, 2.—Total, 18 in 11 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Barkhamsted, Beacon Falls, Bethel, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Burlington, Canaan, Chaplin, Chester, Clinton, Colchester (town and borough), Colebrook, Columbia, Cornwall, Coventry, Cromwell, Danbury, Durham, East Haven, East Lyme, Easton, Essex, Franklin, Goshen, Granby, Griswold, Guilford, Haddam, Hampton, Hartland, Harwinton, Jewett City (borough), Kent, Killingworth, Lebanon, Ledyard, Lisbon, Lyme, Madison, Marlborough, Meriden, Monroe, Montville, Morris, New Britain, New Fairfield, Newington, North Branford, North Canaan, Norwich, Old Lyme, Old Saybrook, Orange, Pomfret, Portland, Preston, Prospect, Roxbury, Salem, Saybrook, Scotland, Sharon, Sherman, Somers, Southbury, Sprague, Stafford, Stamford, Sterling, Suffield, Trumbull, Union, Vernon, Warren, Westbrook, Weston, Westport, Winchester, Windham, Windsor Locks, Wolcott, Woodbridge, Woodbury.—89.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population.

Scarlet Fever.—Farmington, 1; Ridgefield, 1; Seymour, 1; Washington, 1; West Hartford, 1.—Total, 5.

La Grippe.—New Milford, 1; Plymouth, 1; Saybrook, 1; Stratford, 1.—Total, 4.

Diphtheria and Croup.—Fairfield, 1; New Hartford, 1; Voluntown, 1.—Total, 3.

Typhoid Fever.—Ellington, 2; Glastonbury, 1.—Total, 3.

Consumption.—Berlin, 1; Brookfield, 1; Brooklyn, 1; Canton, 1; Colchester, 1; Darien, 1; East Windsor, 1; Mansfield, 1; New Canaan, 1; New Hartford, 2; New Milford, 1; Portland, 1; Ridgefield, 1; Salisbury, 1; Simsbury, 1; Stratford, 1; Waterford, 1; Watertown, 1, Windsor, 1.—Total, 20.

All the Health Officers of New Haven, New London, Fairfield, Litchfield, and Tolland Counties have reported. But the Health Officers of the following towns have not reported.

HARTFORD CO.—East Granby, Farmington, Simsbury.

WINDHAM CO.—Plainfield.

MIDDLESEX CO.—Middlefield.

Scarlet Fever is prevailing widely in the State, being reported from 54 towns. From Hartford 101 cases are reported.

SMALL POX.

The Small Pox prevalence has almost entirely ceased. Fresh cases of the disease have appeared since the last Bulletin was issued, in only a few towns. This peculiar exemption of Connecticut as compared with other States, can only be attributed to the protective influences of vaccination. School visitors have required vaccination as a prerequisite to attendance of pupils. Health Officers have advised and promoted vaccination in many towns in advance of an invasion of the disease and so the people have been protected.

Even in the towns not so prudent, the vigilance of health officers in isolating the primary cases has limited the disease in most instances to a single case or to a very few. The conspicuous exception was in Waterbury, where the disease appeared in a block of tenements occupied mostly by French Canadians. Even there it would have been controlled if prompt notification of its presence had been given. Its spread in Waterbury is alleged to have been due to the pernicious influence of an Anti-Vaccination Society existing there, whose members have been charged with encouraging the concealment of the disease, and with bold assertions publicly made that the disease among them was not Small Pox. By request of the Mayor and the Health Authorities of Waterbury two members of the State Board of Health visited and personally inspected the patients in the Hospital and in private houses and in every instance found only typical cases of Small Pox. The diagnosis was still further confirmed by the evidence of Dr. C. N. Valin, an eminent specialist from Montreal whom the French people themselves employed in order that their doubts should be fully removed.

The number of cases reported in Waterbury was 79, which far exceeded that of all the other cases in the State during the year. How much its extensive prevalence there, with all its expensive and distressing results, is chargeable to the baneful influence of the Anti-Vaccinationists can be best appreciated by those who know all the facts. The practice of vaccination and the isolation of the existing cases promptly arrested its spread.

This office is in receipt of reports of 141 cases occuring within a year. Only one case has been reported in the last 3 weeks. A very large majority of these were never vaccinated. Seven of them had been vaccinated from 7 to 40 years before. There were eleven cases about which reliable information has not been given, respecting vaccination. All the others were unvaccinated. All of the deaths were of the not vaccinated. How can the Anti-Vaccinationists explain these facts?

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, May 15th, 1902.

METEOROLOGICAL REPORT FOR THE MONTH OF APRIL, 1902.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.						PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.							
	8 A.M.	8 P.M.	8 A.M.	8 P.M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A.M.	8 P.M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and tooths.	8 A.M.	8 P.M.	
1	29.35	29.42	38	42	40	48	33	15	75	55	W	16	S	20	328	26	.12	Clear	Clear	Partly Cl'dy
2	29.52	29.66	40	42	42	46	39	7	68	55	S W	21	S W	14	403	30	.0	Cloudy	Cloudy	Cloudy
3	29.81	29.99	40	38	42	47	38	9	52	50	W	20	N W	12	286	22	.0	Clear	Clear	Cloudy
4	30.06	29.98	39	43	38	45	32	13	64	59	N	6	S	3	162	15	.0	Clear	Cloudy	Clear
5	29.89	29.88	34	46	40	49	32	17	62	58	N E	12	N	3	254	24	.0	Clear	Cloudy	Partly Cl'dy
6	29.98	29.94	43	44	46	54	39	15	74	71	S	5	S E	18	209	18	T	Clear	Sprinkling	Clear
7	29.98	30.10	39	42	40	43	37	6	96	100	N E	13	N E	7	285	15	.46	Light Rain	Misting	Cloudy
8	29.98	29.58	40	45	44	48	39	9	100	100	N	24	N E	28	519	36	.82	Light Rain	Light Rain	Cloudy
9	29.56	29.60	42	40	43	47	39	8	96	88	S	4	S E	8	162	20	.45	Sprinkling	Cloudy	Cloudy
10	29.65	29.78	39	45	42	48	37	11	83	78	N E	6	N W	8	157	17	.01	Cloudy	Cloudy	Cloudy
11	29.81	29.78	44	47	48	55	40	15	71	79	N W	7	S E	3	156	16	.0	Partly Cl'dy	Clear	Clear
12	29.74	29.70	49	52	45	49	41	8	76	43	S W	10	N W	12	237	26	.03	Clear	Clear	Clear
13	29.73	29.84	46	48	47	54	40	14	59	44	W	16	N W	10	296	28	T	Clear	Clear	Partly Cl'dy
14	29.98	30.06	45	42	44	50	38	12	57	53	N W	16	N W	12	221	16	.0	Clear	Clear	Partly Cl'dy
15	30.17	30.12	43	46	45	55	35	20	38	52	N W	8	S W	6	208	19	.0	Clear	Clear	Clear
16	30.14	30.02	47	47	46	56	36	20	57	59	W	1	S	6	113	12	.0	Clear	Clear	Clear
17	29.94	29.93	43	46	44	54	34	20	68	72	S	3	S	7	151	12	.0	Clear	Clear	Clear
18	30.00	30.04	40	44	44	51	38	13	96	82	S	2	S E	7	155	13	.0	Cloudy	Clear	Partly Cl'dy
19	30.10	30.07	42	46	46	54	38	16	85	79	S W	4	S	6	139	12	.0	Cloudy	Clear	Clear
20	30.09	30.06	41	48	44	51	37	14	85	86	S	4	S	9	136	12	.0	Partly Cl'dy	Clear	Clear
21	30.09	30.01	48	54	55	66	44	22	86	54	S	6	S	7	202	22	.0	Cloudy	Clear	Clear
22	29.96	29.90	54	64	64	80	48	32	77	60	S	6	S	6	215	24	T	Cloudy	Clear	Clear
23	29.93	29.77	50	62	58	72	44	28	87	64	E	3	S W	18	224	20	.0	Cloudy	Clear	Clear
24	30.11	30.12	49	58	54	63	46	17	45	41	N	18	W	4	255	20	.0	Clear	Clear	Clear
25	30.32	30.21	47	50	48	55	41	14	43	58	N	6	S W	7	211	18	T	Clear	Cloudy	Partly Cl'dy
26	29.88	29.61	52	58	57	63	51	12	94	84	S	6	S W	18	420	34	.26	Cloudy	Partly Cl'dy	Partly Cl'dy
27	29.70	30.00	54	52	54	60	47	13	46	54	S W	33	W	8	423	34	T	Clear	Partly Cl'dy	Partly Cl'dy
28	30.19	30.17	56	52	58	72	45	27	44	47	W	6	S W	8	198	14	.0	Clear	Clear	Clear
29	30.23	30.21	58	52	54	61	48	13	66	76	S	4	S E	7	141	15	.02	Clear	Light Rain	Partly Cl'dy
30	30.02	29.99	52	58	56	62	49	13	100	91	S E	12	S E	6	250	24	1.23	Light Rain	Clear	Partly Cl'dy
Month Ave's.	29.93	29.92	45	49	48	55	40	15	72	66	S	10	S	10	237	36	3.40			

SUMMARY.

BAROMETER.

Monthly Mean, 29.92 inches.

Highest, 30.23 in.; Date, 29th.

Lowest, 29.35 in.; Date, 1st.

Monthly range, .88 inches.

TEMPERATURE.

Monthly Mean, 48 degrees.
Highest, 80 degrees; Date, 22d.
Lowest, 32 degrees; Date, 5th.
Absolute range, 48 degrees.
Greatest daily range, 32 degrees; Date, 6th.
Least daily range, 6 deg.; Date, 7th.
Mean daily range, 15 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 229 degrees.

WIND.

Prevailing direction, S.
Mean hourly velocity, 10 miles.
Max. velocity and direction, 36 N. E.; Date, 8th.
Total monthly movement, 7,116 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 13.
*Greatest 24 hour precipitation, (in. and tooths), 1.23; Date, 29th and 30th.
Total monthly precipitation, (in. and tooths), 3.40 in.
Total depth of snowfall (inches and tooths), T in.
Dates of thunder storms, 26th.
Accumulated deficiency of precipitation since Jan. 1st, 2.70 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---44 deg.	1888---43 deg.	1873---4.95	1888---2.57
1874---39 "	1889---49 "	1874---7.89	1889---4.01
1875---42 "	1890---47 "	1875---3.28	1890---2.39
1876---46 "	1891---49 "	1876---7.65	1891---2.35
1877---48 "	1892---47 "	1877---3.44	1892---1.31
1878---52 "	1893---45 "	1878---5.08	1893---3.84
1879---45 "	1894---47 "	1879---6.08	1894---2.24
1880---48 "	1895---46 "	1880---3.69	1895---3.11
1881---44 "	1896---48 "	1881---1.71	1896---1.19
1882---44 "	1897---48 "	1882---1.55	1897---2.44
1883---44 "	1898---45 "	1883---2.23	1898---4.43
1884---46 "	1899---47 "	1884---2.36	1899---1.79
1885---46 "	1900---48 "	1885---2.31	1900---1.95
1886---49 "	1901---46 "	1886---3.21	1901---9.03
1887---46 "	1902---48 "	1887---2.72	1902---3.40

Monthly mean humidity, 69 per cent. Monthly mean dew point, 36. Number of clear days, 14. Number of fair days, 10. Number of cloudy days, 6.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this beading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVI. No. 5.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
R. S. GOODWIN, M.D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MAY, 1902.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of May, 1902, and a Statement of the Births and Marriages for the Month of April, 1902.

The Population stated below was given by the 12th Census. - Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in Apr.	Still Births in Apr.	Marriages in Apr.	Total Deaths in May.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	19	----	8	19	17.9	7	1	42.1	----	----	----	----	----	----	----	----	----	----	----	1	----	1	3	3	4	2	----	5
Branford,	5,706	16	----	3	5	10.5	----	2	40.0	----	----	----	----	----	----	1	----	----	----	----	----	----	1	1	----	----	----	1	1
Bridgeport,	70,996	173	5	59	111	18.0	20	12	28.8	----	----	2	----	----	4	----	----	----	----	----	1	----	12	10	----	15	4	4	59
Bristol,	9,643	15	3	5	13	16.1	3	1	30.7	----	----	----	----	----	----	----	1	----	----	----	----	----	1	2	----	1	----	----	8
Danbury,	19,474	34	2	20	35	21.5	5	----	14.2	----	----	----	----	----	----	----	----	----	----	----	----	----	1	5	4	5	1	6	13
Derby,	7,930	15	----	9	6	9.0	3	1	66.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	5
East Hartford,	6,406	12	----	4	5	9.3	----	1	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	3	----	----
Enfield,	6,699	11	----	6	8	14.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	----	----	1	----	4
Greenwich,	12,172	17	----	6	11	10.8	----	2	18.1	----	----	----	----	----	1	----	----	1	----	----	----	----	----	----	1	1	----	1	6
Groton,	5,962	6	----	3	7	14.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	2	2	1
Hartford,	79,850	100	----	74	104	13.2	8	8	15.3	----	----	7	2	----	3	1	----	2	----	----	----	----	8	12	3	12	16	7	31
Huntington,	5,572	8	1	2	3	6.4	1	----	33 3	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	----	1
Killingly,	6,835	9	1	14	13	22.8	1	1	15.3	----	----	----	----	----	----	----	----	----	----	----	----	----	4	1	----	2	2	----	4
Manchester,	10,601	15	3	13	7	7.9	1	----	14.2	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	----	----	5
Meriden,	28,695	59	1	23	27	11.2	3	2	18.5	----	----	----	1	----	----	----	1	1	1	----	----	----	1	1	----	5	3	5	8
Middletown,	17,486	10	2	6	23	9.6	2	2	17.3	----	----	----	----	----	----	----	----	----	----	----	----	----	6	4	----	4	2	1	6
Naugatuck,	10,541	21	2	6	13	14.7	3	1	30.7	----	----	2	1	----	----	----	----	----	----	----	----	----	1	----	----	1	2	----	6
New Britain,	28,202	65	1	33	35	14.8	8	7	42.8	----	----	4	----	----	1	----	----	----	----	----	1	----	5	6	3	2	3	3	7
New Haven,	108,027	216	6	106	135	14.4	16	13	21.4	----	1	1	1	----	----	1	----	----	----	----	2	1	15	20	5	19	14	4	51
New London,	17,548	8	2	23	25	17.0	9	1	40.0	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	3	4	1	14
Norwalk,	19,932	32	2	13	23	13.8	1	----	4.3	----	----	----	1	----	----	----	----	1	----	----	----	----	5	4	1	----	2	----	9
Norwich,	24,637	43	1	22	24	11.6	3	1	16.6	----	----	----	----	----	1	----	----	2	----	----	----	----	5	1	----	2	2	1	10
Orange,	6,995	9	1	6	7	12.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	3	1	2
Putnam,	7,348	14	----	8	5	8.1	1	----	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	3
Southington,	5,890	9	1	2	5	10.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	2	1	----
Stamford,	18,839	24	1	13	19	12.1	1	3	21.0	----	----	----	----	----	1	----	----	1	----	----	----	----	1	2	----	3	6	----	5
Stonington,	8,540	5	----	7	9	12.6	1	1	22.2	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	2	----	6
Thompson,	6,442	10	----	4	9	16.7	4	2	66.6	----	2	1	----	----	----	----	----	----	----	----	1	----	----	----	----	1	1	----	3
Torrington,	12,453	25	----	11	10	9 6	2	----	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	2	1	1	4
Vernon,	8,483	14	----	7	7	9.9	1	1	28.5	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	3	----	----	2
Wallingford,	9,001	16	----	3	4	5.3	1	2	75.0	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----
Waterbury,	51,139	131	5	46	58	13.6	8	8	27.5	----	1	----	----	----	1	1	----	----	----	----	2	----	11	7	1	6	3	5	20
Winchester,	7,763	16	1	7	10	15.4	1	1	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	3	----	----	4
Windham,	10,137	16	----	6	13	15.3	2	----	15.3	----	----	----	----	----	----	----	----	----	----	----	----	----	1	4	2	1	----	1	4
Total of the 34 above towns,	668,616	1193	41	578	808	14.5	116	74	23.5	----	5	17	6	----	12	4	2	8	1	----	9	2	94	89	26	99	82	45	307
134 towns of less than 5,000 inhabitants,	239,739	352	27	135	292	14.6	37	16	18.1	----	1	4	4	1	----	----	----	2	1	----	3	----	27	29	10	38	40	17	115
Total reported from 168 towns,	908,355	1545	68	713	1100	14.5	153	90	22.0	----	6	21	10	1	12	4	2	10	2	----	12	2	121	118	36	137	122	62	422

The Mortality in Public Institutions of the State were: in Bridgeport, 13; in Hartford, 29; in Middletown, 12; and in New Haven, 20. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in May: Andover, Beacon Falls, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Chaplin, Clinton, Colebrook, Durham, East Granby, Goshen, Granby, Hampton, Hartland, Killingworth, Lebanon, Lisbon, Marlborough, Monroe, New Fairfield, Newington, North Branford, Old Lyme, Prospect, Saybrook, Somers, Southbury, Union, Voluntown, Warren.—33.

REMARKS.

By Mortality Reports received there were 1,100 deaths during the month of May. This was 91 less than in April, and 44 more than in May of last year, and 12 less than the average number of deaths in May for the five years preceding.

	1902	1901	1900	1899	1898	1897
January,	1172	1439	1367	1565	1153	1123
February,	1124	1381	1261	1192	1026	1142
March,	1239	1441	1691	1221	1272	1369
Total 1st quarter,	3535	4261	4319	3978	3451	3634
April,	1191	1253	1678	1169	1197	1212
May,	1100	1056	1230	1025	1138	1109

The death-rate was 14.5 for the large towns, for the small towns 14.6, and for the whole State 14.5.

The deaths reported from infectious diseases were 203, being 18.4 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Danbury (city), 1; Enfield, 1; New Britain (city), 4; Norwalk, 2; Plainville, 2; Putnam, 4; Suffield, 1; Waterbury, 12; West Hartford, 1; Windham, 3; Windsor, 8; Windsor Locks, 6.—Total, 45 in 12 towns.

Measles.—Ansonia, 1; Bridgeport, 17; Bristol, 2; Cheshire, 13; Danbury (city), 2; Darien, 4; Derby, 1; Eastford, 37; East Haddam, 1; Glastonbury, 2; Groton, 6; Haddam, 1; Kent, 1; Ledyard, 1; Madison, 1; Meriden (city), 2; Montville, 6; Naugatuck, 2; New Haven, 11; New London, 13; Pomfret, 1; Shelton (borough), 1; Stamford (city), 60; Stonington, 1; Stonington (borough), 1; Thompson, 5; Torrington (town and borough), 2; Washington, 20; Waterbury, 5; Westbrook, 1; West Haven (borough), 2; Westport, 1; Willimantic (city), 1.—Total, 225 in 32 towns.

Scarlet Fever.—Andover, 1; Ansonia, 3; Berlin, 3; Bloomfield, 1; Branford, 1; Bridgeport, 24; Bristol, 4; Canton, 5; Colchester, 1; Danbury (city), 6; Derby, 5; East Hartford, 3; Ellington, 1; Fairfield, 6; Farmington, 1; Greenwich, 19; Groton, 1; Guilford, 1; Hamden, 1; Harwinton, 1; Hebron, 5; Huntington, 1; Killingworth, 2; Manchester, 2; Meriden (city), 1; Middlebury, 1; Naugatuck, 16; New Britain (city), 3; New Haven, 43; Newington, 1; New London, 12; New Milford, 1; North Haven, 4; Norwalk (city), 2; Norwalk (town), 1; Plainville, 1; Rocky Hill, 2; Roxbury, 1; Seymour, 2; Shelton (borough), 4; South Windsor, 1; Stonington, 2; Thompson, 4; Torrington (town and borough), 31; Waterbury, 8; Waterford, 5; West Hartford, 3; West Haven (borough), 1; Wethersfield, 1; Windsor, 1; Windsor Locks, 1; Winsted (borough), 1; Woodstock, 2.—Total, 254 in 52 towns.

Cerebro-Spinal Fever.—Waterbury, 1.

Diphtheria and Croup.—Ansonia, 1; Avon, 1; Bridgeport, 14; Darien, 1; Derby, 2; Farmington, 10; Groton, 1; Jewett City (borough), 1; Manchester, 1; Naugatuck, 4; New Britain (city), 2; New Haven, 15; New Milford, 1; Norwich (city), 1; Norwich (town), 2; Redding, 2; Roxbury, 2; South Windsor, 1; Stafford Springs (borough), 4; Stamford (city), 3; Stonington (borough), 1; Stratford, 1; Thompson, 1; Torrington, 1; Wallingford, 1; Waterbury, 9; Wethersfield, 1.—Total, 84 in 26 towns.

Whooping Cough.—Branford, 5; Groton, 9; Guilford, 1; Huntington, 5; New London, 6; North Haven, 6; Shelton (borough), 1; Stamford (city), 2.—Total, 35 in 8 towns.

Typhoid Fever.—Bridgeport, 2; Burlington, 1; Canton, 1; Columbia, 1; Danbury (city), 1; Essex, 1; Groton, 1; New Haven, 9; New London, 1; New Milford, 1; North Haven, 2; Norwich (city), 2; Seymour, 1; Stamford (city), 2; Waterbury, 2; Wilton, 1; Windham, 1; Winsted (borough), 1.—Total, 31 in 18 towns.

Consumption.—Bridgeport, 11; Groton, 2; Guilford, 2; Madison, 1; Norwalk (city), 2; Scotland, 1; Shelton (borough), 1; Waterbury, 4. Total, 24 in 8 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Ashford, Barkhamsted, Beacon Falls, Bethany, Bethel, Bethlehem, Bolton, Bozrah, Bridgewater, Brookfield, Brooklyn, Canaan, Canterbury, Chaplin, Chatham, Chester, Clinton, Colebrook, Cornwall, Coventry, Cromwell, Danbury, Danielson (borough), Durham, East Granby, East Haven, East Lyme, East Windsor, Easton, Franklin, Goshen, Granby, Griswold, Hampton, Hartland, Killingly, Lebanon, Lisbon, Litchfield, Lyme, Mansfield, Marlborough, Meriden, Middlefield, Milford, Monroe, Morris, New Britain, New Canaan, New Fairfield, New Hartford, Newtown, Norfolk, North Branford, North Canaan, North Stonington, Old Lyme, Old Saybrook, Orange, Oxford, Plainfield, Plymouth, Portland, Preston, Prospect, Ridgefield (town and borough), Rockville (city), Salem, Salisbury, Saybrook, Sharon, Sherman, Somers, Southbury, Southington, South Norwalk (city), Sprague, Stafford, Stamford, Sterling, Thomaston, Tolland, Trumbull, Union, Vernon, Voluntown, Warren, Watertown, Weston, Willington, Winchester, Wolcott, Woodbridge, Woodbury.—94.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population.

Measles.—Ledyard, 1.

Scarlet Fever.—Fairfield, 2; Hebron, 1; Rocky Hill, 1.—Total, 4.

La Grippe.—Brooklyn, 1; Griswold, 1; North Stonington, 1; Stratford, 1. —Total, 4.

Cerebro-Spinal Fever.—Plainfield, 1.

Typhoid Fever.—Burlington, 1; Milford, 1.—Total, 2.

Consumption.—Bethel, 1; Burlington, 3; Darien, 3; Eastford, 1; Fairfield, 1; Farmington, 1; Glastonbury, 1; Guilford, 1; Litchfield, 2; Madison, 1; New Milford, 1; Portland, 4; Redding, 2; Salisbury, 1; Scotland, 1; Simsbury, 1; Stafford, 1; Windsor Locks, 1.—Total, 27.

All the Health Officers of New Haven, New London, Fairfield, Windham, Litchfield and Tolland Counties have reported. But the Health Officers of the following towns have not reported.

Hartford Co.—Hartford. Simsbury.

Middlesex Co.—Middletown.

Small Pox was reported as existing in 12 towns during the month of May, and in 2 additional towns up to the present date in June. A prevalence not known before in many years in Connecticut.

VACCINATION AND ITS CONSEQUENCES.

Most people never undergo in all their lives a more important surgical operation than vaccination. It is a very important operation.

Its consequences depend upon so many conditions that it should be always performed by a physician acquainted with all the details of the proceeding. In these days surgeons carefully guard the wounds they make from all contact with septic influence, and thus secure uninterrupted and speedy healing. By such precautions they are enabled to perform with confident safety and success, operations upon the organs of the human body that a generation ago would have been condemned as homicidal. Vaccination is truly a surgical operation. More than nine-tenths of the bad effects of vaccination result from neglect of the care which should be given to every surgical operation. It is not bad vaccine virus that causes bad results.

The bad results of vaccination are due to bad management and neglect of the vaccine vesicle. Too often the vesicle is broken by scratching, or accidentally. It presents then a raw absorbing surface exposed to any septic germs, in the air or on the fingers, skin, or clothing of the subject.

The bad arms are not caused by a skillful and rightly cared for vaccination, but by exposure, after the vesicle has been broken, of an open sore to the action of poisonous germs.

The occurrence of bad ulcers, therefore, is not remarkable. The most remarkable fact is that there are so few of them considering the careless manner in which vaccination is too commonly practiced.

It is strange that it is not often fatal. Yet of the many thousands who have been vaccinated every year in Connecticut, only two fatal cases have been reported in more than twenty years.

The silly fad of vaccinating on the leg is objectionable. The stirring up of the dust on the floors and pavements and the greater friction of the skirts are ready means of septic inoculation.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, June 15th, 1902.

METEOROLOGICAL REPORT FOR THE MONTH OF MAY, 1902.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.03	30.08	55	56	56	64	48	16	59	65	N W	16	N W	10	303	22	.0	Clear	Clear	Clear
2	30.15	30.08	55	55	56	66	47	19	65	65	N	9	S W	10	200	14	T	Clear	Cloudy	Clear
3	30.05	30.12	48	50	49	51	47	4	93	80	S E	8	N E	8	185	18	.18	Cloudy	Cloudy	Cloudy
4	30.21	30.13	53	52	52	60	44	16	74	84	N	7	S W	7	205	12	.0	Clear	Cloudy	Clear
5	30.02	30.00	49	59	58	69	47	22	90	66	S W	12	S E	6	219	16	T	Cloudy	Clear	Partly Cl'dy
6	30.17	30.09	59	55	58	66	51	15	52	65	N	16	S	10	266	20	.0	Clear	Partly Cl'dy	Clear
7	29.84	29.76	54	69	62	72	51	21	100	51	S	5	N W	13	227	18	T	Foggy	Partly Cl'dy	Cloudy
8	29.93	29.87	58	60	62	71	53	18	59	58	N W	9	S W	12	244	16	.0	Clear	Clear	Clear
9	29.68	29.97	64	46	54	66	42	24	47	54	W	20	N W	7	418	36	.0	Clear	Clear	Clear
10	30.13	30.12	40	48	45	54	36	18	41	26	W	14	N W	6	258	24	.0	Clear	Cloudy	Partly Cl'dy
11	30.24	30.21	46	50	48	57	39	18	36	67	N W	5	S W	6	214	20	.0	Clear	Clear	Clear
12	30.28	30.11	50	52	52	61	43	18	65	50	N	4	S	8	183	20	.0	Clear	Partly Cl'dy	Clear
13	29.98	29.93	52	60	56	65	48	17	81	48	S W	4	N W	4	169	22	.04	Cloudy	Clear	Partly Cl'dy
14	30.08	29.98	49	58	53	65	41	24	42	32	N	10	N W	4	214	21	.0	Clear	Clear	Clear
15	30.11	30.18	54	54	54	64	45	19	48	59	N	9	S E	8	215	18	.0	Partly Cl'dy	Clear	Clear
16	30.19	29.98	55	58	56	70	43	27	54	61	W	6	S W	12	242	30	.0	Partly Cl'dy	Partly Cl'dy	Clear
17	29.95	29.86	61	67	62	74	51	23	58	43	W	4	S	3	115	12	.0	Clear	Clear	Clear
18	29.97	29.95	59	64	61	72	50	22	45	56	N	8	S	4	162	14	.0	Clear	Clear	Clear
19	30.02	29.83	53	54	55	60	50	10	81	100	S E	3	E	4	93	10	.22	Cloudy	Sprinkling	Cloudy
20	29.93	30.10	62	54	57	65	49	16	84	70	N	10	S E	10	196	14	.01	Cloudy	Clear	Cloudy
21	30.37	30.25	55	56	56	65	46	19	54	70	N	12	S W	12	207	20	.0	Clear	Clear	Clear
22	30.17	30.01	59	60	60	72	49	23	62	65	S W	11	S W	6	267	27	.0	Partly Cl'dy	Partly Cl'dy	Clear
23	29.91	29.85	64	70	70	85	56	29	77	79	S W	5	S E	7	229	24	.01	Clear	Light Rain	Clear
24	29.84	29.75	67	69	72	81	62	19	87	76	S W	4	S W	12	212	20	.23	Cloudy	Clear	Partly Cl'dy
25	29.84	29.77	72	62	70	78	61	17	75	92	S W	4	S	5	145	14	.41	Cloudy	Light Rain	Cloudy
26	29.71	29.72	66	62	68	78	58	20	78	94	S W	12	S	2	228	24	.21	Clear	Cloudy	Clear
27	29.62	29.59	61	54	58	64	51	13	92	77	N	4	N W	9	155	13	.30	Cloudy	Cloudy	Cloudy
28	29.65	29.82	48	48	47	51	43	8	69	54	N	12	W	12	249	24	T	Cloudy	Partly Cl'dy	Cloudy
29	30.01	30.04	48	59	52	64	39	25	54	47	W	14	W	6	268	23	.0	Clear	Clear	Clear
30	30.02	30.18	60	67	64	76	52	24	55	69	S W	14	N	4	287	28	.0	Cloudy	Cloudy	Cloudy
31	30.43	30.47	59	58	60	68	51	17	47	64	N	17	S E	9	213	20	.0	Clear	Clear	Clear
Month Ave's.	30.02	29.99	56	58	58	67	48	19	65	64	N	9	S	8	221	36	1.61			

SUMMARY.

BAROMETER.

Monthly Mean, 29.86 inches.

Highest, 30.36 in.; Date, 31st.

Lowest, 29.48 in.; Date, 27th.

Monthly range, .88 inches.

TEMPERATURE.

Monthly Mean, 58 degrees.
Highest, 85 degrees; Date, 23d.
Lowest, 36 degrees; Date, 10th.
Absolute range, 48 degrees.
Greatest daily range, 29 degrees; Date, 23d.
Least daily range, 4 deg.; Date, 3d.
Mean daily range, 19 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 230 degrees.

WIND.

Prevailing direction, SW.
Mean hourly velocity, 9 miles.
Max. velocity and direction, 36 N. W.; Date, 9th.
Total monthly movement, 6,848 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 13.
*Greatest 24 hour precipitation, (in. and 100ths), .51; Date, 26th and 27th.
Total monthly precipitation, (in. and 100ths), 1.61 in.
Total depth of snowfall (inches and 10ths), 0 in.
Dates of thunder storms, 23d, 25th, 26th.
Accumulated deficiency of precipitation since Jan. 1st, 4.74 inches.

COMPAR. TEMP. (Mon. Mean.)		COM. RAINFALL. (Inches and 100ths.)	
1873---56 deg.	1888---56 deg.	1873---6.27	1888---6.03
1874---56 "	1889---60 "	1874---4.92	1889---3.81
1875---57 "	1890---57 "	1875---2.71	1890---4.24
1876---58 "	1891---56 "	1876---3.12	1891---1.92
1877---58 "	1892---56 "	1877---2.14	1892---5.11
1878---57 "	1893---57 "	1878---3.75	1893---7.08
1879---59 "	1894---58 "	1879---3.22	1894---4.49
1880---64 "	1895---59 "	1880---1.24	1895---1.70
1881---58 "	1896---62 "	1881---3.89	1896---3.67
1882---51 "	1897---58 "	1882---5.05	1897---5.93
1883---57 "	1898---56 "	1883---4.52	1898---8.03
1884---56 "	1899---57 "	1884---3.32	1899---2.52
1885---55 "	1900---58 "	1885---2.01	1900---3.30
1886---57 "	1901---55 "	1886---2.74	1901---0.38
1887---61 "	1902---58 "	1887---.18	1902---1.61

Monthly mean humidity, 65 per cent. Monthly mean dew point, 44. Number of clear days, 19. Number of fair days, 4. Number of cloudy days, 8.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVI. No. 6.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
R. S. GOODWIN, M.D., THOMASTON.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JUNE, 1902.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of June, 1902, and a Statement of the Births and Marriages for the Month of May, 1902.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in May.	Still Births in May.	Marriages in May.	Total Deaths in June.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	21	----	13	12	11.3	3	----	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	5	----	----	1	1	----	5
Branford,	5,706	12	----	5	5	10.5	1	1	40.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	1	----	2
Bridgeport,	70,996	124	5	51	76	12.8	20	8	36.8	----	----	4	----	----	1	----	----	----	1	----	7	1	6	7	2	7	8	5	27
Bristol,	9,643	25	1	9	11	13.6	1	----	9.0	----	----	----	1	----	----	----	----	----	1	----	----	1	----	----	----	----	1	2	5
Danbury,	19,474	21	2	7	19	11.7	1	----	5.2	----	----	----	----	----	----	----	----	----	----	----	----	----	1	3	----	2	4	1	8
Derby,	7,930	12	----	9	7	10.5	1	2	42.8	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	1	2	2
East Hartford,	6,406	7	----	3	7	13.1	1	1	28.5	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	2	3
Enfield,	6,699	11	----	3	9	16.1	1	3	44.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6	----	1	2
Greenwich,	12,172	15	1	7	17	16.7	----	4	23.5	----	----	4	----	1	2	----	----	----	----	----	----	----	3	----	----	2	1	----	4
Groton,	5,962	10	----	3	14	28.1	2	----	14.3	----	----	----	----	1	----	1	----	----	----	----	----	----	2	1	----	----	1	1	7
Hartford,	79,850	141	8	42	89	12.1	18	9	30.3	----	----	4	----	----	2	----	----	1	----	----	3	2	6	6	----	16	7	1	41
Huntington,	5,572	11	----	2	2	4.3	----	1	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----
Killingly,	6,835	9	3	4	9	15.8	----	1	11.1	----	----	----	----	----	1	----	----	----	----	----	----	----	4	----	----	----	----	2	2
Manchester,	10,601	9	1	6	15	16.9	5	2	46.6	----	----	----	----	1	1	----	----	----	1	----	----	----	1	1	----	1	1	1	7
Meriden,	28,695	55	1	14	29	12.1	3	2	17.2	----	----	----	----	----	1	1	1	1	1	----	----	1	4	----	1	1	3	5	9
Middletown,	17,486	10	3	10	28	12.3	2	1	10.7	----	----	----	----	1	----	----	----	----	----	----	----	----	3	----	----	4	4	1	15
Naugatuck,	10,541	24	1	3	22	25.0	3	2	22.7	----	----	4	----	----	----	----	----	1	----	----	----	----	1	2	----	4	2	----	8
New Britain,	28,202	47	3	36	33	14.0	10	3	39.3	1	----	----	----	----	2	----	----	----	----	----	2	2	6	2	2	5	3	----	8
New Haven,	108,027	212	9	43	148	16.1	31	16	31.7	----	1	----	----	1	----	4	----	4	----	----	19	----	22	4	3	14	15	10	51
New London,	17,548	24	----	16	24	16.4	5	2	29.1	----	----	----	----	----	----	----	----	----	----	----	3	1	4	4	----	3	1	5	3
Norwalk,	19,932	18	3	7	18	10.8	2	1	16.6	----	----	----	----	----	----	----	----	1	----	----	1	1	1	1	----	4	4	1	4
Norwich,	24,637	45	2	14	24	11.6	2	----	8.3	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	2	2	2	15
Orange,	6,995	2	----	----	7	12.0	2	----	28.5	----	1	----	----	----	----	----	----	----	----	----	----	----	----	1	----	3	----	1	1
Putnam,	7,348	12	----	2	10	16.3	2	1	30.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	3	2	----	3
Southington,	5,890	12	----	----	4	8.1	1	1	50.0	----	----	----	----	----	1	----	----	----	----	----	1	----	----	----	----	----	----	----	2
Stamford,	18,839	41	3	8	34	21.6	7	4	32.3	----	----	----	----	----	1	----	----	2	----	----	----	----	6	1	----	6	2	1	15
Stonington,	8,540	13	----	3	6	8.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	2	----	2
Thompson,	6,442	15	----	4	7	13.0	3	1	57.1	----	----	----	1	1	----	----	----	----	----	----	----	----	1	1	1	----	1	1	----
Torrington,	12,453	20	----	6	6	5.7	1	1	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	4
Vernon,	8,483	11	1	7	9	12.7	2	1	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	1	6
Wallingford.	9,001	28	----	4	9	11.9	4	----	44.4	----	----	----	----	----	----	----	----	----	----	----	1	----	3	----	----	----	1	----	4
Waterbury,	51,139	141	7	47	94	22.0	33	9	44.6	----	----	----	----	----	2	----	----	----	----	----	23	5	7	7	1	6	6	6	31
Winchester,	7,763	16	3	4	3	4.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	----	1
Windham,	10,137	20	----	8	12	14.2	1	----	8.3	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	3	1	2	4
Total of the 34 above towns,	668,616	1194	57	400	819	14.6	168	77	29.9	1	2	16	2	6	14	6	1	10	4	----	61	14	93	48	10	99	77	54	301
133 towns of less than 5,000 inhabitants,	238,855	364	11	122	242	12.1	24	8	12.6	----	----	1	1	1	2	2	2	1	3	1	4	1	23	18	4	32	37	14	95
Total reported from 167 towns,	907,471	1558	68	522	1061	14.0	192	85	26.0	1	2	17	3	7	16	8	3	11	7	1	65	15	116	66	14	131	114	68	396
Population of town not reporting,	884																												

The Mortality in Public Institutions of the State were: in Bridgeport, 8; in Hartford, 22; in Middletown, 10; and in New Haven, 25. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in June; Barkhamsted, Beacon Falls, Bozrah, Bridgewater, Canterbury, Chatham, Cheshire, Colebrook, Eastford, East Windsor, Goshen, Hampton, Hartland, Killingworth, Lisbon, Lyme, Marlborough, Morris, New Fairfield, North Branford, Old Lyme, Oxford, Prospect, Salem, Sterling, Tolland, Voluntown, Waterford, Weston, Willington, Wilton, Wolcott, Woodbridge, Woodstock.—34.

The Registrar of Durham has made no report for June.

REMARKS.

By Mortality Reports received there were 1,061 deaths during the month of June. This was 39 less than in May, and 39 more than in June of last year, and 31 more than the average number of deaths in June for the five years preceding.

	1902	1901	1900	1899	1898	1897
January,	1172	1439	1367	1565	1153	1123
February,	1124	1381	1261	1192	1026	1142
March,	1239	1441	1691	1221	1272	1369
Total 1st quarter,	3535	4261	4319	3978	3451	3634
April,	1191	1253	1678	1169	1197	1212
May,	1100 -	1056	1230	1025	1138	1109
June,	1061	1022	1121	1048	984	978
Total 2d quarter,	3352	3331	4029	3242	3319	3299

The death-rate was 14.6 for the large towns, for the small towns 12.1, and for the whole State 14.0.

The deaths reported from infectious diseases were 271, being 25.4 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Bridgeport, 1; Enfield, 6; Hartford, 2; Manchester, 1; Meriden (city), 2; New Britain, 33; Norwich, 3; Suffield, 2; Waterbury, 4.—Total, 54 in 9 towns.

Measles.—Ansonia, 1; Branford, 1; Bridgeport, 16; Bristol, 4; Cheshire, 2; Derby, 1; Darien, 5; Eastford, 5; East Haddam, 3; East Hartford, 2; East Lyme, 3; Enfield, 2; Essex, 2; Greenwich, 3; Groton, 2; Hartford, 7; Ledyard, 4; Meriden (city), 27; Middletown, 1; Montville, 12; Morris, 8; New Britain, 1; New Haven, 4; New London, 50; New Milford, 3; Norfolk, 2; Norwich (city), 1; Old Lyme, 3; Orange, 3; Pomfret, 4; Ridgefield (borough), 2; Salisbury, 5; Shelton (borough), 3; Southington, 1; Stafford Springs (borough), 1; Stamford (city), 41; Stonington (town), 1; Stonington (borough), 1; Washington, 5; Waterbury, 12; Waterford, 3; West Haven (borough), 26.—Total, 283 in 41 towns.

Scarlet Fever.—Ansonia, 2; Berlin, 2; Branford, 3; Bridgeport, 10; Bristol, 2; Burlington, 1; Canton, 4; Danbury (city), 8; Derby, 3; East Hartford, 3; Enfield, 1; Fairfield, 1; Greenwich, 11; Groton, 1; Hamden, 2; Hartford, 36; Hebron, 6; Madison, 1; Meriden (city), 1; Middletown, 2; Naugatuck, 17; New Britain (city), 12; New Hartford, 1; New Haven, 17; Newington, 1; New London, 18; Newtown, 1; North Haven, 1; Rockville (city), 1; Scotland, 1; Thompson, 1; Tolland, 2; Wallingford, 1; Waterbury, 5; Waterford, 2; Watertown, 2; Weston, 2; West Haven (borough), 2; Windsor Locks, 1; Winsted (borough), 1.—Total, 189 in 40 towns.

Cerebro-Spinal Fever.—Thompson, 1.

Diphtheria and Croup.—Avon, 1; Bridgeport, 14; Bristol, 2; Danbury (city), 2; Danbury (town), 1; Darien, 1; Farmington, 5; Glastonbury, 2; Greenwich, 3; Hamden, 1; Hartford, 22; Manchester, 2; Meriden (city), 1; Milford, 2; Monroe, 1; New Hartford, 4; New Haven, 6; New London, 2; Newtown, 5; Norwalk (city), 1; Norwalk (town), 3; Southington, 3; Stamford (city), 1; Stratford, 1; Vernon, 1; Waterbury, 6; Watertown, 1.—Total, 94 in 25 towns.

Whooping Cough.—Ansonia, 5; Branford, 2; Danbury, 15; Groton, 15; Guilford, 2; New London, 4; Newtown, 1; Norfolk, 1; Old Saybrook, 1; Shelton (borough), 6; Waterbury, 1.—Total, 53 in 11 towns.

Typhoid Fever.—Ansonia, 1; Branford, 1; Bridgeport, 1; Greenwich, 2; Hartford, 2; Kent, 1; New Haven, 3; Norwalk (city), 1; Norwich (city), 1; Scotland, 1; Shelton (borough), 1; Southington, 1; South Norwalk (city), 1; Stamford (city), 1; Suffield, 1; Tolland, 1; Willimantic (city), 1.—Total, 21 in 16 towns.

Consumption.—Bridgeport, 2; Derby, 1; Milford, 1; Naugatuck, 3; Shelton (borough), 2; Sprague, 1; Stamford (city), 3.—Total, 13 in 7 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Barkhamsted, Beacon Falls, Bethany, Bethel, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Brooklyn, Canaan, Canterbury, Chaplin, Chatham, Chester, Clinton, Colchester (town and borough), Colebrook, Columbia, Cornwall, Coventry, Cromwell, Danielson (borough), Durham, East Granby, East Haven, East Windsor, Easton, Ellington, Franklin, Goshen, Granby, Griswold, Haddam, Hampton, Hartland, Harwinton, Huntington, Jewett City (borough), Killingly, Lebanon, Lisbon, Litchfield, Lyme, Mansfield, Marlborough, Meriden, Middlebury, Middlefield, New Canaan, New Fairfield, North Branford, North Canaan, North Stonington, Oxford, Plainville, Plymouth, Preston, Prospect, Putnam, Redding, Ridgefield, Rocky Hill, Roxbury, Salem, Saybrook, Seymour, Sharon, Sherman, Simsbury, Somers, Southbury, South Windsor, Stafford, Stamford, Sterling, Thomaston, Torrington (town and borough), Trumbull, Union, Voluntown, Warren, Westbrook, West Hartford, Westport, Wethersfield, Willington, Wilton, Winchester, Windham, Windsor, Wolcott, Woodbridge, Woodbury, Woodstock.—98.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population.

Cerebro-Spinal Fever.—Windsor, 1.
Scarlet Fever.—Berlin, 1.
La Grippe.—Canaan, 1.
Diphtheria and Croup.—Farmington, 1; New Hartford, 1. Total 2.
Whooping Cough.—Hamden, 2.
Typhoid Fever.—Cromwell, 1.
Consumption.—Avon, 1; Burlington, 1; Canaan, 1; Chaplin, 2; Columbia, 1; East Haddam, 1; Ellington, 1; Fairfield, 1; Farmington, 1; Franklin, 1; Griswold, 1; Milford, 1; New Canaan, 1; North Canaan, 1; Plymouth, 1; Pomfret, 1; Ridgefield, 1; Roxbury, 1; Salisbury, 1; Seymour, 1; Stafford, 1; Windsor, 1.—Total, 23.

All the Health Officers of Hartford, New Haven, New London, Fairfield, Litchfield and Tolland Counties have reported. But the Health Officers of the following towns have not reported:

WINDHAM CO.—Plainfield.
MIDDLESEX CO.—Killingworth, Portland.

THE DOCTOR'S VISIT TO A SMALL-POX PATIENT.

Equipment.—A leather hand-bag containing a long coat, of a smooth surface (linen, alapaca or rubber), buttoning closely about the person, particularly about the neck, and reaching to the ankles; a silk skull-cap or rubber bathing cap; rubber shoes; rubber bands for the sleeves at the wrist; a bottle of bichloride of mercury tablets; a towel; a small bottle of formaldehyde solution and a clothes brush.

Call for a quart of hot water in a non-metallic basin. Drop in two tablets of the bichloride to dissolve during the visit.

Before entering the house put on the long coat closely buttoned (it is well to remove the collar and neck-tie), put on the skull-cap and the rubber shoes. Make the examination of the patient carefully and thoroughly, but with as little personal contact with him and with the bedclothing and furniture as possible. Do not prolong the visit unnecessarily and do not sit down in the sick room.

On coming out of the house wash the hands in the disinfectant solution, then take the towel, formaldehyde and the brush from the grip.

Next take off the coat, skull-cap and shoes, replacing them in the leather bag as loosely as practicable. Immediately wash the hands again and the face and neck in the disinfecting solution, thoroughly wetting the whiskers, if any, and the hair. This done dip the brush in the solution and brush down the surface of the trowsers' legs.

Next replace everything in the grip-bag, the towel in a fold of the coat, pouring a quantity of the formaldehyde on the towel and tightly shut the bag. On the following day, the contents of the bag may be taken out and aired.

With such precautions carefully observed, a physician can attend upon infectious diseases without danger of carrying the infection.

HOW TO DISINFECT A SUIT OF CLOTHES.

Place a large soft towel on the bottom of a common wash-boiler. Estimate the capacity of the boiler in cubic feet and saturate the towel with as many ounces of formaldehyde solution. Put the clothes in, not rolled up tightly, but as loosely as possible, on the top of the towel. Place the cover on immediately. It should fit closely. Do not remove the cover in less than six hours. If the clothing is packed tightly the sterilization will not be complete. If loosely placed the disinfection is reliable.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, July 15th, 1902.

METEOROLOGICAL REPORT FOR THE MONTH OF JUNE, 1902.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.51	30.37	58	60	58	68	48	20	70	58	S	5	S	8	137	12	.0	Clear	Clear	Clear
2	30.26	30.03	64	67	68	81	55	26	77	66	S W	6	S W	13	256	28	.0	Clear	Cloudy	Clear
3	29.94	29.81	74	67	76	89	64	25	69	95	W	8	N	4	201	27	.20	Clear	Light Rain	Clear
4	29.73	29.85	74	69	70	82	59	23	67	51	W	9	N W	15	258	27	.01	Clear	Clear	Clear
5	30.09	30.14	59	64	63	73	53	20	57	52	N	7	N	6	206	20	.0	Clear	Clear	Clear
6	30.26	30.11	56	63	63	71	55	16	79	67	N E	10	S	8	172	12	.0	Clear	Partly Cl'dy	Partly Cl'dy
7	29.93	29.67	62	63	64	69	88	11	79	89	S	8	S W	6	165	15	.02	Partly Cl'dy	Cloudy	Partly Cl'dy
8	29.54	29.71	70	59	64	74	54	20	83	67	W	4	N W	18	238	33	.37	Partly Cl'dy	Clear	Partly Cl'dy
9	30.00	29.99	55	58	60	72	47	25	57	66	W	7	S W	12	219	24	.0	Clear	Clear	Clear
10	29.94	29.80	60	66	61	70	52	18	75	66	S W	18	S W	14	297	28	T	Cloudy	Sprinkling	Partly Cl'dy
11	29.94	29.86	60	54	60	67	52	15	58	94	N	15	S	3	208	24	.25	Partly Cl'dy	Sprinkling	Partly Cl'dy
12	29.81	29.83	61	70	68	85	52	33	86	79	S W	8	S W	5	137	16	T	Clear	Clear	Partly Cl'dy
13	29.87	29.83	63	71	70	79	60	19	79	79	N W	12	S E	3	128	20	T	Cloudy	Cloudy	Partly Cl'dy
14	30.04	30.06	71	60	67	76	58	18	86	81	N	10	S	7	209	23	.70	Cloudy	Cloudy	Partly Cl'dy
15	29.94	29.76	62	59	67	76	58	18	94	93	S	2	S	5	126	16	.0	Cloudy	Cloudy	Partly Cl'dy
16	29.66	29.55	66	72	72	80	65	15	100	93	S	4	S W	7	162	25	.0	Foggy	Cloudy	Cloudy
17	29.59	29.83	64	68	68	76	59	17	51	50	N W	14	W	7	303	30	.34	Clear	Clear	Clear
18	30.04	29.96	64	66	66	78	54	24	48	53	W	8	S W	7	233	17	.0	Clear	Clear	Clear
19	29.87	29.77	63	69	65	70	60	10	79	85	S	6	N W	3	113	12	.24	Cloudy	Clear	Cloudy
20	29.90	29.89	70	70	68	78	57	21	44	57	W	7	W	6	171	17	.0	Clear	Clear	Clear
21	29.91	29.81	60	66	62	66	57	9	92	95	W	2	S	6	160	17	.82	Light Rain	Cloudy	Cloudy
22	29.93	29.91	63	66	65	73	57	16	60	52	N	12	N W	5	164	17	T	Clear	Clear	Clear
23	30.03	29.96	60	59	60	69	51	18	58	65	N W	7	W	6	193	17	T	Clear	Clear	Partly Cl'dy
24	30.02	29.96	59	63	60	70	50	20	57	64	N W	12	S W	12	204	15	.0	Clear	Clear	Clear
25	29.97	29.78	63	64	62	71	52	19	62	84	W	6	S	12	233	20	.0	Clear	Cloudy	Partly Cl'dy
26	29.30	29.55	66	68	68	76	61	15	92	42	S W	11	W	7	362	30	.33	Cloudy	Partly Cl'dy	Partly Cl'dy
27	29.66	29.80	63	66	65	72	58	14	50	53	W	15	W	6	293	30	.0	Clear	Clear	Clear
28	29.95	29.93	66	68	67	78	56	22	61	64	N W	10	S W	7	204	20	.0	Clear	Cloudy	Partly Cl'dy
29	29.93	29.75	63	54	58	64	53	11	69	100	N	10	N	20	249	29	1.04	Cloudy	Light Rain	Cloudy
30	29.96	29.91	62	63	61	70	52	18	74	74	N E	12	S	9	250	20	.03	Clear	Cloudy	Partly Cl'dy
Month Ave's.	29.91	29.87	63	65	65	74	56	18	70	71	W	9	S W	8	208	33	4.35			

SUMMARY.

BAROMETER.

Monthly Mean, 29.90 inches.

Highest, 30.51 in.; Date, 1st.

Lowest, 29.30 in.; Date, 26th.

Monthly range, 1.21 inches.

TEMPERATURE.

Monthly Mean, 65 degrees.
Highest, 89 degrees; Date, 3d.
Lowest, 47 degrees; Date, 9th.
Absolute range, 42 degrees.
Greatest daily range, 32 degrees; Date, 12th.
Least daily range, 9 deg.; Date, 21st.
Mean daily range, 18 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 155 degrees.

WIND.

Prevailing direction, S. W.
Mean hourly velocity, 9 miles.
Max. velocity and direction, 32 N. W.; Date, 8th.
Total monthly movement, 6,251 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 17.
*Greatest 24 hour precipitation. (in. and 100ths), 1.07; Date, 29th.
Total monthly precipitation, (in. and 100ths), 4.35 in.
Total depth of snowfall (inches and 10ths), 0 in.
Dates of thunder storms, 3d, 8th, 13th, 21st, 23d.
Accumulated deficiency of precipitation since Jan. 1st, 3.34 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---67 deg.	1888---68 deg.	1873---2.07	1888---2.15
1874---67 "	1889---67 "	1874---3.41	1889---3.17
1875---66 "	1890---66 "	1875---3.50	1890---5.12
1876---71 "	1891---66 "	1876---1.86	1891---1.90
1877---68 "	1892---69 "	1877---6.17	1892---2.36
1878---65 "	1893---66 "	1878---2.62	1893---2.07
1879---67 "	1894---68 "	1879---4.62	1894--- .49
1880---65 "	1895---68 "	1880---1.21	1895---2.41
1881---62 "	1896---65 "	1881---5.15	1896---2.96
1882 --66 "	1897---64 "	1882---2.75	1897---2.47
1883---68 "	1898---67 "	1883---1.83	1898--- .21
1884---67 "	1899---69 "	1884---5.25	1899---2.59
1885---65 "	1900---68 "	1885---1.43	1900---1.79
1886---63 "	1901---67 "	1886---2.84	1901--- .25
1887---62 "	1902---65 "	1887-- 5.62	1902---4.35

COM. RAINFALL. (Inches and 100ths.)

Monthly mean humidity, 71 per cent. Monthly mean dew point, 54. Number of clear days, 12. Number of fair days, 14. Number of cloudy days, 4.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVI. No. 7.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
R. S. GOODWIN, M.D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JULY, 1902.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of July, 1902, and a Statement of the Births and Marriages for the Month of June, 1902.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in June.	Still Births in June.	Marriages in June.	Total Deaths in July.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	34	1	21	21	19.8	9	5	66.6							1					9	2		1		5		1	2
Branford,	5,706	17		6	5	10.5	1		20.0							1										1		1	2
Bridgeport,	70,996	144	11	102	118	19.7	46	12	49.1		1	1			4	2					32	2	9	3	2	12	5	5	40
Bristol,	9,643	14		16	17	21.1	7	2	52.9												8		2					1	6
Danbury,	19,474	22	1	11	33	20.3	10	2	36.3			2									4	2	3	1		4	7		10
Derby,	7,930	21		13	12	18.1	3	1	33.3												2		1			2		1	6
East Hartford,	6,406	11		10	8	14.9	4		50.0												1		2			2			3
Enfield,	6,699	12	1	11	10	17.9	2	1	30.0												1		1			2	1	1	4
Greenwich,	12,172	18		10	28	27.6	7	4	39.2						1				1		3	3	1			2	3	3	11
Groton,	5,962	11	1	4	11	22.1	2	2	36.3							1					3	1					2	3	1
Hartford,	79,850	132	7	108	126	16.5	30	14	34.9			1	1		3	3	1		1		17	2	19	7		9	5	7	50
Huntington,	5,572	7		3	6	12.9	4		66.6												3			1		1		1	
Killingly,	6,835	9	1	9	8	14.0	1		12.5														2						6
Manchester,	10,601	25		11	7	11.3	3	1	36.3								1							1			1		4
Meriden,	28,695	56	2	19	37	15.4	16	2	48.6						1		1		1		9		4	3		3	4	1	10
Middletown,	17,486	17	3	17	30	14.4	6	3	30.0							1					5		1			6	1	1	15
Naugatuck,	10,541	20	1	15	16	18.2	10	1	68.7												6		1			2	1	1	5
New Britain,	28,202	61	2	32	50	21.2	29	3	64.0												26	1	2		1	6		4	10
New Haven,	108,027	230	11	160	239	25.9	90	25	48.1		1					10	1	5	1		69	8	20	10	3	22	12	16	61
New London,	17,548	30		29	42	28.1	17	6	54.7					1		6					10	1	4	3	1	3	4	1	8
Norwalk,	19,932	40		18	30	18.0	6	1	23.3									3			4	1	4	1		4	5	1	7
Norwich,	24,637	45	5	26	26	12.6	5	1	23.0														4			4	4	2	12
Orange,	6,995	9		7	11	18.8	5	2	63.6		2										3							1	5
Putnam,	7,348	16	1	11	7	11.4	3		42.8														1				1		5
Southington,	5,890	5	2	6	6	12.2	3		50.0								1				3		1						1
Stamford,	18,839	40	1	13	31	19.7	3	3	19.3		1				1						2		4			6	6		11
Stonington,	8,540	7	2	5	16	22.4	6		37.5										2		4	1	1			1	2		5
Thompson,	6,442	13	1	4	4	7.4	2		50.0												2	1							1
Torrington,	12,453	20		11	11	10.5	5		45.4												1		2			3	1		4
Vernon,	8,483	16		8	11	15.5	2	1	27.2												1		1			5			4
Wallingford,	9,001	28		6	13	17.3	2	2	30.7												2		3	1		1	2	1	3
Waterbury,	51,139	147	6	67	101	23.7	41	11	51.4		1					1	2	1			34	2	5	7	1	9	7	6	25
Winchester,	7,763	10		16	11	17.0	1	6	63.6												2	1	1			2	1		4
Windham,	10,137	14	1	5	8	9.4	3		37.5										1		1			1		1	1	1	2
Total of the 34 above towns,	668,616	1301	61	810	1110	19.9	384	111	44.5		6	4	1	1	10	25	5	11	8		267	28	99	40	8	118	76	60	343
130 towns of less than 5,000 inhabitants,	232,806	256	19	188	284	14.5	62	18	27.9		1		1		1	1	1	1	2		30	4	20	9	6	38	31	19	119
Total reported from 164 towns,	901,422	1557	80	998	1394	18.5	446	129	34.0		7	4	2	1	11	26	6	12	10		297	32	119	49	14	156	107	79	462
Population of towns not reporting,	6,933																												

The Mortality in Public Institutions of the State were: in Bridgeport, 10; in Hartford, 35; in Middletown, 9; and in New Haven, 40. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in July; Andover, Ashford, Barkhamsted, Bethany, Bloomfield, Bozrah, Chaplin, Chatham, Chester, Cornwall, Eastford, East Granby, East Haven, Ellington, Franklin, Goshen, Granby, Hampton, Lisbon, Marlborough, Monroe, North Canaan, Old Lyme, Oxford, Pomfret Preston, Prospect, Scotland, Sherman, Tolland, Union, Windsor Locks, Wolcott, Woodbridge.—34.

The Registrars of the following towns have made no report for July: Columbia, Redding, Southbury, Windsor.

REMARKS.

By Mortality Reports received there were 1,394 deaths during the month of July. This was 333 more than in June, and 97 more than in July of last year, and 55 more than the average number of deaths in July for the five years preceding.

	1902	1901	1900	1899	1898	1897
January,	1172	1439	1367	1565	1153	1123
February,	1124	1381	1261	1192	1026	1142
March,	1239	1441	1691	1221	1272	1369
Total 1st quarter,	3535	4261	4319	3978	3451	3634
April,	1191	1253	1678	1169	1197	1212
May,	1100	1056	1230	1025	1138	1109
June,	1061	1022	1121	1048	984	978
Total 2d quarter,	3352	3331	4029	3242	3319	3299
July,	1394	1297	1583	1369	1225	1225

The death-rate was 19.9 for the large towns, for the small towns 14.5 and for the whole State 18.5.

The deaths reported from infectious diseases, including diarrhoeal, were 527, being 37.7 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—New Britain (city), 9; Stamford (city), 1; Thompson, 29; Waterbury, 1—Total, 40 in 4 towns.

Measles.—Bridgeport, 12; Bristol, 20; Chester, 1; Clinton, 2; Easton, 1; Greenwich, 1; Hartford, 4; Meriden (city), 1; Milford, 1; Montville, 3; New Haven, 1; New London, 56; Norwich (city), 2+; Old Lyme, 13; Orange, 5; Pomfret, 2; Salisbury, 4; Seymour, 1; Stamford (city), 20; Torrington (town and borough), 2; Waterbury, 21; Waterford, 5; West Haven (borough), 61.—Total, 239+ in 23 towns.

Scarlet Fever.—Ansonia, 2; Bolton, 1; Bridgeport, 22; Canton, 2; Chatham, 1; Danbury (city), 6; Derby, 2; Hartford, 15; Kent, 1; Litchfield, 1; Madison, 1; Naugatuck, 7; New Britain (city), 10; New Hartford, 2; New Haven, 9; New London, 8; North Haven, 1; Old Lyme, 1; Portland, 1; Putnam, 1; Rockville (city), 1; Seymour, 1; Stamford (city), 2; Tolland, 1; Washington, 2; Waterbury, 6; Watertown, 5; West Hartford, 3; Weston, 2.—Total, 117 in 29 towns.

Cerebro-Spinal Fever.—Cornwall, 1; Essex, 2; Shelton (borough), 1.—Total, 4 in 3 towns.

Diphtheria and Croup.—Bridgeport, 16; Bristol, 1; Easton, 1; East Windsor, 1; Ellington, 1; Farmington, 1; Greenwich, 2; Guilford, 1; Hartford, 15; Meriden (city), 1; Naugatuck, 1; New Canaan, 1; New Hartford, 2; New Haven, 1; Stafford, 1; Stafford Springs (borough), 1; Waterbury, 5; West Haven (borough), 1; Westport, 4.—Total, 57 in 18 towns.

Whooping Cough.—Branford, 10+; Chatham, 1; Derby, 1; East Haven, 10+; Groton, 3; Guilford, 5; Huntington, 3; Middletown, 3; Montville (epidemic); North Haven, 6; Old Lyme, 7+; Old Saybrook, 1; Oxford, 4; Portland, 5+; Shelton (borough), 10.—Total, 69+ in 15 towns.

Typhoid Fever.—Ansonia, 1; Bethel, 1; Bolton, 1; Bridgeport, 2; Bristol, 2; Coventry, 1; Cromwell, 2; Danbury (city), 1; East Hartford, 1; Fairfield, 1; Glastonbury, 1; Greenwich, 4; Groton, 1; Hartford, 6; Madison, 1; New Canaan, 1; New Haven, 18; New London, 4; Norfolk, 2; Norwalk (city), 3; Norwalk (town), 1; Norwich (city), 2; Rockville (city), 1; Shelton (borough), 2; South Norwalk (city), 2; Stamford (city), 3; Wallingford, 1; Watertown, 1; Willimantic (city) 1; Winsted (borough), 1.—Total, 69 in 28 towns.

Consumption.—Bridgeport, 9; Lyme, 2; Meriden, 1; Naugatuck, 1; Norwalk (city), 2; Shelton (borough), 1; Sprague, 1; West Haven (borough) 2.—Total, 19 in 8 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Barkhamsted, Beacon Falls, Berlin, Bethany, Bethlehem, Bloomfield, Bozrah. Brookfield, Burlington, Canaan, Chaplin, Cheshire, Colchester (town and borough), Colebrook, Columbia, Danbury, Danielson (borough), Darien, Durham, Eastford, East Granby, East Haddam, East Lyme, Franklin, Goshen, Granby, Griswold, Haddam, Hamden, Hampton, Hartland, Harwinton, Hebron, Jewett City (borough), Killingly, Killingworth, Lebanon, Ledyard, Lisbon, Mansfield, Marlborough, Meriden, Middlebury, Monroe, Morris, New Britain, New Fairfield, Newington, New Milford, North Branford, North Canaan, North Stonington, Plainville, Plymouth, Preston, Prospect, Redding, Rocky Hill, Roxbury, Salem, Saybrook, Scotland, Sharon, Sherman, Simsbury, Somers, Southbury, Southington, South Windsor, Stamford, Sterling, Stonington (town and borough), Stratford, Thomaston, Trumbull, Union, Vernon, Voluntown, Warren, Westbrook, Wethersfield, Willington, Wilton, Winchester, Windham, Windsor Locks, Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 93.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population.

Measles.—Cheshire, 1.

La Grippe.—Seymour, 1.

Diphtheria and Croup.—East Windsor, 1.

Whooping Cough.—Simsbury, 1.

Typhoid Fever.—Bolton, 1.

Consumption.—Berlin, 1; Colchester, 1; East Lyme, 1; Essex, 1; Griswold, 1; Litchfield, 1; Lyme, 1; Milford, 1; New Canaan, 2; New Hartford, 1; Sprague, 1; Stafford, 2; Sterling, 1; Warren, 1; Watertown, 1; West Hartford, 1; Westport, 1; Wilton, 1.—Total, 20.

All the Health Officers of New Haven and Tolland Counties have reported. But the Health Officers of the following towns have not reported:

Hartford Co.—Enfield, Manchester, Suffield, Windsor.

New London Co.—Norwich.

Fairfield Co.—Newtown, Ridgefield (town and borough).

Windham Co.—Brooklyn, Canterbury, Plainfield.

Litchfield Co.—Bridgewater.

Middlesex Co.—Middlefield.

TO PHYSICIANS.

The Statutes of Connecticut make it the duty of a physician to provide the Town Registrar a certificate, on a prescribed form, for every birth and for every death occurring under his professional care. Each of such certificates becomes a public record. It is not necessary to argue the value of such records. But it does seem necessary to impress upon physicians their duty to promote the completeness and accuracy of these records by giving such careful attention to their handwriting that the registrars need not make erroneous copies on their record books, because of illegible manuscript.

Physicians should bear in mind that the town clerks (who are the Registrars), are not familiar with the nomenclature of diseases. Therefore abbreviations of the names of diseases and cramped and careless manuscripts must necessarily lead to error in the records, and impair and vitiate them, or worse, make them testify falsely. The proper names required on the certificates should also be plainly and distinctly written. The claim of the State upon physicians for the full and faithful discharge of this duty is based upon the fact that the statutes of Connecticut confer special privileges upon registered physicians, and compel the towns to pay the physicians liberally for each certificate.

TO REGISTRARS.

The statutes of Connecticut make it the duty of the Registrars to record the certificates of births, marriages and deaths in the books provided for the purpose. Every intelligent person admits that the value of such records depends upon their accuracy. It follows without saying that it must be a duty of Registrars to give such attention to the certificates they receive as will enable them to detect conspicuous omissions and errors, and to judge whether they are such as the law requires. Also whether they are capable of being correctly copied.

When a certificate is presented on which the names of persons or things cannot be clearly determined, and therefore cannot be recorded, they are not such certificates as the law requires. The doctor or clergyman giving such defective certificates should be immediately notified to supply others. If they refuse they are liable to the penalty imposed for not rendering such certificates as are required by law.

The Registrar, also, is liable for issuing a permit for burial on a death certificate which he cannot read and therefore cannot record.

The copies of certificates sent to this office sometimes indicate that the Registrar has attempted to copy the exact form of the characters on the certificate, which he cannot read, and the copies show such nonsense as the following:—"Intractable Souting"—"Curimona of Parotid"—"Plettus P."—"Saphatite infection" as causes of death. Only a few Registrars are guilty of such monstrosities, but unfortunately they are among the large towns. Almost all Registrars appreciate the importance of this work and have contributed vastly to the eminent success which Connecticut has achieved in the registration of vital statistics. Accurate and full registration cannot be accomplished without the willing coöperation of the town Registrars.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, August 15th, 1902.

METEOROLOGICAL REPORT FOR THE MONTH OF JULY, 1902.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.78	29.97	61	69	66	74	58	16	100	59	S	10	N	5	239	18	.17	Misting	Clear	Partly Cl'dy
2	30.19	30.18	69	72	70	80	59	21	55	60	N	6	S W	7	152	12	.0	Clear	Clear	Clear
3	30.07	29.77	65	74	71	80	62	18	82	68	S	10	N W	15	259	24	.42	Sprinkling	Partly Cl'dy	Cloudy
4	30.01	29.96	72	72	74	84	65	19	65	65	N W	7	S W	6	183	16	.0	Clear	Clear	Clear
5	29.85	29.87	71	70	74	65	64	21	81	93	S	1	S E	6	168	16	.46	Clear	Light Rain	Partly Cl'dy
6	30.01	30.17	66	64	65	71	59	12	92	70	N E	6	E	6	140	11	.01	Cloudy	Clear	Cloudy
7	30.30	30.21	64	68	64	72	56	16	70	80	E	5	S	7	174	12	.0	Partly Cl'dy	Cloudy	Cloudy
8	30.13	30.01	66	74	73	80	66	14	85	91	S W	7	S	4	209	18	.05	Cloudy	Clear	Partly Cl'dy
9	30.01	29.87	78	76	78	90	66	24	77	84	S W	2	S	6	141	17	.0	Clear	Cloudy	Clear
10	29.79	29.94	74	72	70	78	63	15	82	57	S W	5	N W	8	179	16	.07	Cloudy	Clear	Cloudy
11	30.11	30.08	67	72	68	79	58	21	58	49	N W	6	N	3	176	24	.0	Clear	Clear	Clear
12	30.09	30.00	68	68	68	81	55	26	71	71	N	2	S W	7	158	16	.0	Clear	Clear	Clear
13	30.04	30.01	70	71	72	82	62	20	66	64	S W	2	S W	11	154	18	.0	Clear	Clear	Clear
14	30.02	29.95	74	75	76	88	65	23	74	78	S W	5	S W	8	183	19	.0	Clear	Clear	Clear
15	29.89	29.73	72	67	73	81	65	16	69	86	S W	10	N	3	249	22	.01	Clear	Cloudy	Clear
16	29.81	29.95	69	66	66	74	58	16	59	48	N W	9	N	4	228	23	.0	Clear	Clear	Clear
17	30.04	29.79	62	70	64	74	53	21	59	93	S W	5	S	7	171	16	.01	Cloudy	Partly Cl'dy	Cloudy
18	29.91	30.04	78	71	78	86	69	17	53	62	W	9	N W	6	165	15	T	Clear	Cloudy	Clear
19	30.07	29 97	63	66	66	71	62	9	89	80	N E	7	E	7	198	14	.17	Light Rain	Cloudy	Cloudy
20	29.86	29.80	62	64	64	69	60	9	94	84	N E	4	N E	10	146	14	.18	Cloudy	Cloudy	Cloudy
21	29.81	29.77	60	66	66	71	60	11	97	87	N	3	N E	7	133	11	.13	Misting	Cloudy	Cloudy
22	29.83	29.89	66	68	68	75	61	14	96	80	N	4	S	5	126	29	.36	Cloudy	Sprinkling	Partly Cl'dy
23	30.06	30.11	68	70	70	78	61	17	85	81	N	6	S	6	187	15	.16	Partly Cl'dy	Clear	Partly Cl'dy
24	30.17	30.17	67	64	68	71	64	7	85	90	S E	11	S W	7	209	19	T	Cloudy	Cloudy	Cloudy
25	30.18	30.17	65	63	64	67	61	6	85	77	S E	8	S	7	193	14	.0	Cloudy	Cloudy	Cloudy
26	30.21	30.15	61	64	63	67	59	8	71	80	E	7	S E	4	188	10	.0	Cloudy	Cloudy	Cloudy
27	30.11	30.03	64	68	65	70	60	10	87	92	S E	4	S W	8	138	12	.05	Cloudy	Partly Cl'dy	Partly Cl'dy
28	29.97	29.93	70	74	78	87	68	19	98	86	S W	7	N W	5	148	13	.05	Cloudy	Cloudy	Cloudy
29	29.93	29 95	75	70	74	83	66	17	82	93	S W	2	W	7	122	12	.02	Clear	Cloudy	Cloudy
30	30.00	30.04	69	72	74	82	67	15	81	86	N	8	S	1	159	18	.94	Cloudy	Partly Cl'dy	Partly Cl'dy
31	30.09	30.06	70	72	72	81	64	17	86	73	N E	7	S E	6	141	12	.0	Partly Cl'dy	Partly Cl'dy	Clear
Month Ave's.	30.01	29.99	68	70	70	78	62	16	78	76	S W	6	S	6	172	29	3.26			

SUMMARY.

BAROMETER.

Monthly Mean, 30.00 inches.

Highest, 30.30 in.; Date, 7.

Lowest, 29.73 in.; Date, 15.

Monthly range, .57 inches.

TEMPERATURE.

Monthly Mean, 70 degrees.
Highest, 90 degrees; Date, 9.
Lowest, 53 degrees; Date, 17.
Absolute range, 37 degrees.
Greatest daily range, 26 degrees; Date, 12.
Least daily range, 6 deg.; Date, 25.
Mean daily range, 16 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 91 degrees.

WIND.

Prevailing direction, S. W.
Mean hourly velocity, 9 miles.
Max. velocity and direction, 27 N.; Date, 22.
Total monthly movement, 5,346 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 19.
*Greatest 24 hour precipitation. (in. and 100ths), .96; Date, 29, 30.
Total monthly precipitation, (in. and 100ths), 3.26 in.
Total depth of snowfall (inches and 10ths). 0 in.
Dates of thunder storms, 5, 15, 17, 20, 21, 22, 28, 29, 30.
Accumulated deficiency of precipitation since Jan. 1st, 5.02 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---73 deg.	1888---69 deg.	1873---1.55	1888---1.76
1874---72 "	1889---70 "	1874---4.90	1889---17.08
1875---71 "	1890---69 "	1875---4.42	1890---6.59
1876---76 "	1891---68 "	1876--11.05	1891---4.52
1877---73 "	1892---72 "	1877---2.32	1892---4.33
1878---74 "	1893---71 "	1878---2.53	1893---1.89
1879---71 "	1894---73 "	1879---9.50	1894---2.40
1880---73 "	1895---69 "	1880---4.90	1895---3.77
1881---71 "	1896---72 "	1881---3.53	1896---3.86
1882 --72 "	1897---72 "	1882---3.03	1897--16.63
1883---71 "	1898---72 "	1883---5.67	1898---5.03
1884---68 "	1899---72 "	1884---5.89	1899---4.17
1885---72 "	1900---73 "	1885---2.51	1900---2.28
1886---70 "	1901---74 "	1886---4.69	1901---4.40
1887---75 "	1902---70 "	1887-- 4.66	1902---3.26

COM. RAINFALL. (Inches and 100ths.)

Monthly mean humidity, 77 per cent. Monthly mean dew point, 61. Number of clear days, 11. Number of fair days, 7. Number of cloudy days, 13.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XVI. No. 8.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
R. S. GOODWIN, M.D., THOMASTON.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. RODT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF AUGUST, 1902.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of August, 1902, and a Statement of the Births and Marriages for the Month of July, 1902.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in July.	Still Births in July.	Marriages in July.	Total Deaths in Aug.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	26	----	11	19	17.9	5	2	36.8	----	----	----	----	----	1	2	----	----	1	----	2	----	4	----	1	----	1	1	6
Branford,	5,706	13	1	3	11	23.1	4	1	45.4	----	----	----	----	----	----	----	----	----	----	----	4	----	1	----	----	1	1	1	3
Bridgeport,	70,996	188	10	43	117	19.4	34	21	47.0	----	----	----	----	----	----	4	----	3	----	----	29	3	12	3	1	11	8	3	40
Bristol,	9,043	21	3	8	10	12.4	2	1	30.0	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	3	2	1	2
Danbury,	19,474	27	2	7	23	14.1	3	4	30.4	----	----	1	----	----	1	1	----	----	----	----	3	----	----	----	1	4	4	----	8
Derby,	7,930	12	--	8	15	22.6	6	----	40.0	----	----	----	----	----	----	----	----	----	----	----	----	----	4	1	----	2	1	----	7
East Hartford,	6,406	11	----	6	10	18.7	4	----	40.0	----	----	----	----	----	----	----	----	1	----	----	1	----	----	----	----	1	1	1	5
Enfield,	6,699	16	---	6	11	19.7	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	----	----	2	3	2	2
Greenwich,	12,172	11	----	4	27	26.6	7	3	37.0	----	----	----	----	----	----	----	----	----	----	----	7	----	----	2	----	2	4	1	11
Groton,	5,962	12		2	9	18.1	3	----	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	2	1	5
Hartford,	79,850	171	4	56	93	12.7	21	5	27.9	----	1	1	----	----	----	2	----	2	----	----	9	----	5	4	4	11	9	5	40
Huntington,	5,572	14	1	----	8	17.0	1	2	37.5	----	----	----	----	----	----	----	----	----	----	----	3	----	1	----	----	1	1	1	1
Killingly,	6,835	16	1	3	9	15.8	3	----	33.3	----	----	----	----	----	----	----	----	----	----	----	2	----	2	----	----	1	1	1	2
Manchester,	10,601	23	1	9	14	15.8	4	1	35.7	----	----	1	----	----	----	----	----	----	----	----	3	1	3	----	----	2	1	----	3
Meriden,	28,695	68	1	19	31	12.9	7	2	29.0	----	----	----	----	1	----	----	----	----	1	----	5	2	7	2	----	3	3	2	5
Middletown,	17,486	20	---	11	22	9.6	4	1	22.7	----	----	----	----	----	----	----	----	----	----	----	4	2	4	2	----	2	4	----	4
Naugatuck,	10,541	32	----	4	11	12.5	4	1	45.4	----	----	1	----	----	1	----	----	1	----	----	1	2	----	----	----	----	----	2	3
New Britain,	28,202	65	4	19	40	17.0	21	2	57.5	----	----	----	----	----	----	----	----	2	----	----	16	----	3	----	6	----	2	11
New Haven,	108,027	247	12	72	184	19.9	56	21	41.8	----	1	----	----	2	----	9	1	8	----	----	33	2	20	9	1	16	12	6	64
New London,	17,548	39	1	16	38	25.9	13	4	44.7	----	2	----	----	----	----	4	----	2	----	----	6	----	4	2	----	4	4	2	8
Norwalk,	19,932	27	1	6	34	20.4	12	4	47.0	----	----	----	1	----	----	----	----	3	----	----	10	2	2	----	----	2	2	3	9
Norwich,	24,637	54	3	21	36	17.5	7	3	27.7	----	----	----	----	----	----	1	----	----	----	----	5	----	1	2	----	3	6	3	15
Orange,	6,995	17	----	4	10	17.1	4	1	50.0	----	----	----	----	----	----	----	----	----	----	----	3	----	1	----	----	----	2	1	3
Putnam,	7,348	14	4	4	12	19.5	7	----	58.3	----	----	----	----	----	----	----	----	----	----	----	4	----	1	----	----	1	----	1	5
Southington,	5,890	19	1	2	10	20.3	2	1	30.0	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	----	----	2	6
Stamford,	18,839	37	1	6	40	25.4	13	3	40.0	----	----	----	----	----	----	----	----	3	----	----	8	----	3	----	----	3	3	2	18
Stonington,	8,540	27	1	5	14	19.6	6	1	50.0	----	----	----	----	----	----	----	----	----	----	----	7	1	----	----	----	1	----	----	5
Thompson,	6,442	14	----	3	12	22.3	2	----	16.6	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	1	3	----	1	5
Torrington,	12,453	37	----	6	13	12.5	6	2	61.5	----	----	----	----	----	----	----	----	----	----	----	4	----	2	----	----	----	1	----	6
Vernon,	8,483	15	1	2	12	16.9	3	----	25.0	----	----	----	----	----	----	----	----	----	----	----	2	1	1	----	----	2	2	----	4
Wallingford,	9,001	27	2	5	7	9.3	4	----	57.1	----	----	----	----	----	----	----	----	----	1	----	1	----	----	----	----	----	----	1	2
Waterbury,	51,139	126	3	48	101	23.7	36	20	55.4	----	1	2	----	----	4	----	----	4	2	----	23	3	5	3	2	7	5	10	30
Winchester,	7,763	15	---	3	9	13.7	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	2	----	----	----	1	1	----	4
Windham,	10,137	16	1	9	12	14.2	3	1	33.3	----	----	----	----	----	----	----	----	----	----	----	2	----	1	----	1	1	3	----	4
Total of the 34 above towns,	668,616	1477	59	434	1024	18.3	307	107	40.4	----	5	6	1	3	7	23	1	31	5	----	198	23	92	30	12	98	87	56	346
133 towns of less than 5,000 inhabitants,	238,564	357	18	90	324	16.2	85	24	33.6	----	----	1	1	1	5	3	----	7	2	2	48	13	25	8	5	34	24	24	121
Total reported from 167 towns,	907,180	1834	77	524	1348	17.8	392	131	38.7	--	5	7	2	4	12	26	1	38	7	2	246	36	117	38	17	132	111	80	467
Population of town not reporting,	1,175																												

The Mortality in Public Institutions of the State were: in Bridgeport, 7; in Hartford, 24; in Middletown, 9; and in New Haven, 34. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in August; Andover, Avon, Beacon Falls, Bethany, Bethlehem, Canaan, Colebrook, Columbia, Coventry, Eastford, Easton, Hampton, Hartland, Harwinton, Lisbon, Marlborough, Middlefield, Monroe, North Stonington, Old Saybrook, Oxford, Salem, Scotland, Sharon, Sherman, Union, Voluntown, Waterford, Weston, Willington, Wolcott—31.

The Registrar of Cornwall has made no report for August.

REMARKS.

By Mortality Reports received there were 1,348 deaths during the month of August. This was 46 less than in July, and 38 more than in August of last year, and 46 less than the average number of deaths in August for the five years preceding.

	1902	1901	1900	1899	1898	1897
January,	1172	1439	1367	1565	1153	1123
February,	1124	1381	1261	1192	1026	1142
March,	1239	1441	1691	1221	1272	1369
Total 1st quarter,	3535	4261	4319	3978	3451	3634
April,	1191	1253	1678	1169	1197	1212
May,	1100	1056	1230	1025	1138	1109
June,	1061	1022	1121	1048	984	978
Total 2d quarter,	3352	3331	4029	3242	3319	3299
July,	1394	1297	1583	1369	1225	1225
August,	1348	1310	1642	1382	1402	1237

The death-rate was 18.3 for the large towns, for the small towns 16.2 and for the whole State 17.8.

The deaths reported from infectious diseases, including diarrhoeal, were 503, being 37.3 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Brooklyn, 4; Danielson (borough), 2; New Britain (city), 1; Thompson, 3; Waterbury, 1; Willimantic (city), 1.—Total, 12 in 6 towns.

Measles.—Bridgeport, 2; Bristol, 4; Chatham, 1; Chester, 2; Colchester (town and borough), 2; East Hartford, 1; Groton, 1; Hartford, 2; Meriden (city), 1; Milford, 1; New Hartford, 1; New Haven, 1; New London, 8; Norwich (city), 3; Old Lyme, 3; Putnam, 1; Seymour, 1; Suffield, 1; Torrington, 1; Waterbury, 6; West Haven (borough), 1.—Total, 44 in 21 towns.

Scarlet Fever.—Ansonia, 4; Bridgeport, 15; Canton, 1; Derby, 4; Fairfield, 2; Goshen, 1; Hartford, 13; Manchester, 2; Naugatuck, 7; New Britain (city), 7; New Britain (town), 1; New Haven, 6; Newington, 1; New London, 1; Putnam, 1; Seymour, 2; Wallingford, 1; Washington, 1; Waterbury, 2; Watertown, 1.—Total, 73 in 19 towns.

Diphtheria and Croup.—Ansonia, 1; Bethel, 1; Bridgeport, 9; Colchester (town and borough), 2; Danbury (city), 2; Danielson (borough), 1; Darien, 1; East Hartford, 1; Ellington, 2; Haddam, 1; Hartford, 9; Harwinton, 1; Meriden (city), 2; Milford, 5; Naugatuck, 3; New Hartford, 23; New Haven, 4; New London, 2; New Milford, 1; Norwalk (city), 2; Norwich (city), 1; Plymouth, 1; South Norwalk (city), 1; Suffield, 1; Waterbury, 13; West Haven (borough), 2.—Total, 92 in 25 towns.

Whooping Cough.—Cheshire, 2; East Haven, 1; Essex, 5; Groton, 2; Haddam, 4; Huntington, 2; Madison, 4; North Haven, 10; Old Lyme, 12+; Redding, 1; Shelton (borough), 2; Waterbury, 2; Weston, 1.—Total, 48+ in 13 towns.

Typhoid Fever.—Ansonia, 3; Barkhamsted, 1; Branford (town and borough), 2; Bridgeport, 11; Bristol, 2; Brooklyn, 1; Canton, 2; Chatham, 1; Cheshire, 1; Chester, 1; Danbury (city), 2; Derby, 1; East Granby, 1; East Hartford, 3; Easton, 1; Essex, 1; Fairfield, 2; Glastonbury, 2; Granby, 1; Groton, 3; Hartford, 4; Killingworth, 1; Lebanon, 1; Mansfield, 1; Meriden (city), 1; Middletown, 3; Milford, 1; Naugatuck, 4; New Canaan, 1; New Haven, 14; New London, 8; New Milford, 2; Norwalk (city), 1; Norwalk (town), 1; Norwich (city), 3; Pomfret, 1; Shelton (borough), 3; Sherman, 1; Somers, 1; South Windsor, 2; Stafford, 1; Stafford Springs (borough), 4; Stamford (city), 2; Stonington, 1; Torrington, 1; Trumbull, 1; Wallingford, 4; Waterbury, 30; Watertown, 3; West Haven (borough), 3; Willimantic (city), 1; Windham, 2; Wolcott, 1; Woodbury, 1.—Total, 151 in 51 towns.

Consumption.—Bridgeport, 6; Canterbury, 1; Darien, 1; Derby, 1; Ellington, 1; Haddam, 1; Middletown, 1; New Milford, 2; Shelton (borough), 1; West Haven (borough), 1; Windham, 1.—Total, 17 in 11 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Beacon Falls, Berlin, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Burlington, Canaan, Chaplin, Clinton, Colebrook, Columbia, Cornwall, Coventry, Cromwell, Danbury, Durham, Eastford, East Haddam, East Lyme, East Windsor, Enfield, Farmington, Franklin, Griswold, Guilford, Hamden, Hampton, Hebron, Jewett City (borough), Kent, Killingly, Ledyard, Lisbon, Litchfield, Marlborough, Meriden, Middlebury, Monroe, Montville, Morris, Newtown, Norfolk, North Branford, North Canaan, North Stonington, Norwich, Old Saybrook, Orange, Oxford, Plainville, Portland, Prospect, Ridgefield (town and borough), Rocky Hill, Rockville (city), Roxbury, Salem, Salisbury, Saybrook, Scotland, Sharon, Simsbury, Southbury, Southington, Sprague, Stamford, Sterling, Stonington (borough), Stratford, Thomaston, Tolland, Union, Vernon, Voluntown, Warren, Westbrook, West Hartford, Westport, Wethersfield, Willington, Wilton, Winchester, Windsor, Windsor Locks, Winsted (borough), Woodbridge, Woodstock.—Total, 94.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Scarlet Fever.—Glastonbury, 1.

La Grippe.—Windsor, 1.

Cerebro Spinal Fever.—Berlin, 1.

Diphtheria and Croup.—Ellington, 1; New Hartford, 4.—Total, 5.

Whooping Cough.—Farmington, 1; Hamden, 2.—Total, 3.

Typhoid Fever.—East Granby, 1; Fairfield, 2; Killingworth, 1; Stafford, 1; Trumbull, 1; Watertown, 1.—Total, 7.

Consumption.—Brooklyn, 1; Canterbury, 1; Colchester, 1; Darien, 1; Ellington, 1; Fairfield, 1; Guilford, 1; Hamden, 1; Lebanon, 1; New Canaan, 1; New Milford, 2; North Canaan, 1; Old Lyme, 1; Plainfield, 1; Ridgefield, 1; Salisbury, 1; Sprague, 1; Stafford, 1; Westbrook, 1; West Hartford, 1; Westport, 1; Wethersfield, 1; Woodbury, 2.—Total, 25.

All the Health Officers of New Haven, Litchfield and Tolland Counties have reported. But the Health Officers of the following towns have not reported:

Hartford Co.—Hartland.
New London Co.—Lyme, Preston, Waterford.
Fairfield Co.—Greenwich, New Fairfield.
Windham Co.—Plainfield.
Middlesex Co.—Middlefield.

BULLETIN FOR AUGUST.

Small Pox.—The question of prime importance relating to public health at the present time is the prevention of the spread of small pox. At no time in the history of the United States has this disease been more generally prevalent. It has occurred within the last few years in every section of the country between its ocean boundaries. As the cold weather approaches and compels the closing of dwellings, schools and factories, outbreaks of the pestilence will occur with increasing frequency in the towns and cities that have neglected the only effective means of arresting its progress, namely vaccination. The exceptional mildness of the prevailing epidemic is a source of danger, rather than of safety. Its victims are sometimes so slightly ill that they travel in the trains, exchange visits with their neighbors, and even the doctors dispute the diagnosis.

Innumerable instances of its communication in this manner are reported. Quarantine and disinfection of such instances are wholly impracticable. The only safety of any individual is by vaccination. The only protection for a community is vaccination. The fact of its protective power is as well settled as any fact in sanitary science. The exhaustive investigation of the whole subject of vaccination by the English royal commission and its final verdict, the experience of over 100 years in the practice of vaccination throughout the civilized world, and especially the results in European countries where vaccination is compulsory and the law is enforced, give unanimous testimony to its safety when properly practiced, and to its protective power.

The only serious objections urged by the anti-vaccinationists can be avoided by well known means. Nevertheless by the activity of these objectors, their unscrupulous falsification of statistics, their unblushing mendacity and their sensational appeals to the fears and the prejudices of the credulous and uninformed, they have assumed a fearful responsibility in hindering the arrest of small pox by their opposition to vaccination.

An instance of their misrepresentations is quite recent. They have announced and widely published that in the city of Cleveland, Ohio, small pox had been stamped out by disinfection and without vaccination. The facts are, however, that instead of being stamped out, it so increased after stopping vaccination that Buffalo and other Lake cities felt so much endangered by its prevalence there, that they "seriously considered the advisability of establishing a quarantine against it," and threatened that "unless immediate action be taken and results shown, quarantine will be instituted in a most vigorous manner."

This threat communicated to the State Board of Health of Ohio aroused its attention, and the Connecticut Board was informed by letter last week, from the Secretary of the Ohio Board, that vaccination is going on at the rate of 10,000 per day in Cleveland.

The general vaccination of a community is in the interest of the tax payer. The average cost of an epidemic of small pox in a town is often many times what it would have cost for full protection from it. And with the epidemic comes the cost of both. It is well for prudent Selectmen and city councils to think of this.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, September 15th, 1902.

METEOROLOGICAL REPORT FOR THE MONTH OF AUGUST, 1902.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.04	29.96	70	72	72	78	65	13	74	91	S E	2	S E	4	116	14	T	Cloudy	Sprinkling	Partly Cl'dy
2	29.97	29.94	72	74	76	84	67	17	71	89	S W	6	S W	8	171	17	.01	Partly Cl'dy	Clear	Clear
3	29.93	29.83	71	71	72	75	68	7	95	93	W	3	S	3	96	9	.66	Cloudy	Clear	Cloudy
4	29.82	29.81	74	77	78	87	68	19	82	59	N W	4	N W	6	125	12	.0	Clear	Clear	Partly Cl'dy
5	29.91	29.89	69	71	70	77	64	13	61	86	N	12	S	10	215	14	.0	Partly Cl'dy	Cloudy	Clear
6	29.68	29.62	70	71	74	83	66	17	100	86	E	20	N	2	201	27	.44	Light Rain	Cloudy	Cloudy
7	29.72	29.79	68	67	68	75	62	13	62	62	W	12	W	8	268	20	.0	Clear	Clear	Clear
8	20.73	29.85	72	70	71	80	62	18	73	64	S W	18	N W	3	248	27	.02	Clear	Clear	Partly Cl'dy
9	30.03	30.06	69	72	68	80	57	23	65	73	N W	1	S E	6	126	15	.0	Clear	Partly Cl'dy	Clear
10	30.14	30.06	67	69	68	78	59	19	83	85	N E	8	E	6	154	17	T	Clear	Cloudy	Partly Cl'dy
11	29.91	29 87	74	69	72	82	62	20	95	94	S	14	N W	6	264	20	.53	Cloudy	Cloudy	Partly Cl'dy
12	29.98	30.04	65	64	65	73	57	16	66	54	N	10	N W	10	268	24	.0	Clear	Clear	Clear
13	30.19	30.09	60	65	62	73	52	21	57	70	N	6	N W	4	154	17	.0	Clear	Clear	Clear
14	30.09	30.01	66	68	64	75	54	21	61	74	N	3	S W	6	151	17	.0	Clear	Clear	Clear
15	29.96	29.82	67	66	70	77	62	15	75	95	S W	5	S W	3	172	18	.22	Clear	Cloudy	Partly Cl'dy
16	29.85	29.84	56	63	63	70	56	14	76	55	N	8	N W	6	194	17	T	Cloudy	Clear	Partly Cl'dy
17	20.88	29.82	62	63	63	74	52	22	59	74	N	6	N W	2	176	17	T	Clear	Clear	Clear
18	29.87	29.81	60	72	68	80	55	25	77	65	W	4	S W	8	140	17	.0	Cloudy	Cloudy	Partly Cl'dy
19	29.82	29.84	64	62	70	79	60	19	87	89	N W	8	N	8	154	24	.01	Cloudy	Cloudy	Cloudy
20	29.97	30.00	63	68	64	74	55	19	72	62	N	13	S	2	180	14	.0	Clear	Cloudy	Clear
21	29.99	29.86	67	70	66	72	60	12	85	88	S	5	S	10	149	15	.03	Cloudy	Cloudy	Cloudy
22	29.84	29.81	66	66	67	75	59	16	85	66	N	3	W	7	159	14	.01	Partly Cl'dy	Clear	Partly Cl'dy
23	29.84	29.94	60	65	66	77	54	23	67	73	N W	10	N	10	191	17	.0	Clear	Partly Cl'dy	Clear
24	30.03	30.03	63	64	66	75	56	19	79	79	N	10	N	4	150	20	.20	Clear	Cloudy	Clear
25	30.04	29.95	67	67	68	76	60	16	64	64	N	9	N	6	177	24	T	Clear	Clear	Clear
26	29.97	29.94	69	72	70	83	57	26	63	59	S W	2	S W	10	148	12	.0	Clear	Clear	Clear
27	29.99	30.01	69	73	70	81	59	22	63	71	N W	1	S W	6	92	12	T	Clear	Cloudy	Clear
28	30.14	30.22	63	68	70	78	63	15	74	80	N	14	E	5	218	20	.0	Partly Cl'dy	Clear	Clear
29	30.26	30.21	63	68	67	76	58	18	67	71	N E	9	S E	3	171	13	.0	Clear	Clear	Clear
30	30.22	30.14	67	70	68	76	60	16	85	79	S E	3	S	8	143	13	.01	Partly Cl'dy	Clear	Clear
31	30.10	30.02	69	73	74	83	64	19	85	69	S W	8	S W	7	179	20	.0	Clear	Clear	Clear
Month Ave's.	29.96	29.94	66	69	69	78	60	18	74	75	N	8	S W N W	6	172	27	2.14			

SUMMARY.

BAROMETER.

Monthly Mean, 29.95 inches.

Highest, 30.26 in.; Date, 29.

Lowest, 29.62 in.; Date, 6.

Monthly range, 64. inches.

TEMPERATURE.

Monthly Mean, 69 degrees.
Highest, 87 degrees; Date, 4.
Lowest, 52 degrees; Date, 13.
Absolute range, 35 degrees.
Greatest daily range, 26 degrees; Date, 26.
Least daily range, 7 deg.; Date, 3.
Mean daily range, 19 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 53 degrees.

WIND.

Prevailing direction, N. W.
Mean hourly velocity, 7 miles.
Max. velocity and direction, 26 S. E.; Date, 6.
Total monthly movement, 5,321 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 17.
*Greatest 24 hour precipitation, (in. and 100ths), .66; Date, 3.
Total monthly precipitation, (in. and 100ths), 2.14 in.
Total depth of snowfall (inches and 10ths), 0 in.
Dates of thunder storms, 1, 3, 6, 11, 15, 21, 27.
Accumulated deficiency of precipitation since Jan. 1st, 8.00 inches.

COMPAR. TEMP. (MON. MEAN.)

1873---69 deg.	1888---70 deg.	1873---9.20	1888---7.10
1874---68 "	1889---68 "	1874---12.99	1889---4.38
1875---71 "	1890---69 "	1875---5.56	1890---2.07
1876---72 "	1891---71 "	1876---2.20	1891---3.14
1877---73 "	1892---71 "	1877---5.69	1892---2.90
1878---71 "	1893---71 "	1878---4.93	1893---4.86
1879---68 "	1894---69 "	1879---9.40	1894---1.70
1880---70 "	1895---71 "	1880---8.14	1895---3.91
1881---72 "	1896---71 "	1881---2.15	1896---2.57
1882 --70 "	1897---69 "	1882--- .26	1897---6.81
1883---69 "	1898---72 "	1883---1.26	1898---6.65
1884---70 "	1899---70 "	1884---5.60	1899--- .65
1885---69 "	1900---73 "	1885---8.13	1900--- .90
1886---69 "	1901---72 "	1886---4.56	1901---6.92
1887---68 "	1902---69 "	1887--- 4.80	1902---2.14

COM. RAINFALL. (Inches and 100ths.)

Monthly mean humidity, 75 per cent. Monthly mean dew point, 59. Number of clear days, 18. Number of fair days, 9. Number of cloudy days, 4.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVI. No. 9.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
R. S. GOODWIN, M.D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF SEPTEMBER, 1902.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of September, 1902, and a Statement of the Births and Marriages for the Month of August, 1902.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in Aug.	Still Births in Aug.	Marriages in Aug.	Total Deaths in Sept.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 Years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	34	1	17	14	13.2	3	1	28.5						1	1					1	1	4					1	5
Branford,	5,706	1		2	5	10.5	2		40.0												2		1	1		1			
Bridgeport,	70,996	173	10	62	89	15.0	28	6	38.2						3	2		3	4		20	1	12	2	3	6	6	2	25
Bristol,	9,043	17		5	15	18.6	5	2	46.6												3		1	2		1		1	7
Danbury,	19,474	30	2	3	18	11.0	3		16.6												2	1	1	1		2	2		9
Derby,	7,930	18	2	8	9	13.6	3	2	55.5																	3	2		4
East Hartford,	6,406	9	1	1	9	16.8	1	2	33.3						2			1			1			1					4
Enfield,	6,699	10		10	18	32.2	11	2	72.2									1			4			1	1	1	3	1	6
Greenwich,	12,172	9	2	7	16	15.7	4	1	31.2								1		2		3		1				1	2	6
Groton,	5,962	7		3	12	24.1	1		8.3															1		2	2	4	3
Hartford,	79,850	164	11	41	104	13.3	23	7	28.8		1					1		3	1		3		10	11		17	11	2	44
Huntington,	5,572	11		1	8	17.2	3		37.5												2								6
Killingly,	6,835	5	2	3	13	22.8	2	2	30.7						1						3	1		1		2			5
Manchester,	10,601	21		4	7	7.9	3		42.8														2				2		3
Meriden,	28,695	78	3	14	32	13.3	7	1	25.0						1						3		2		1	6	3	2	14
Middletown,	17,486	12		8	27	10.2	3		11.1												1		2	1		4	2	2	15
Naugatuck,	10,541	25	2	4	14	15.9	5	1	42.8						1			1	1		2	1		1		2			5
New Britain,	28,202	70	3	21	30	12.7	15	3	60.0												10		1	1		5	1	3	9
New Haven,	108,027	254	9	68	173	18.3	50	13	36.4					2		6		6	3		16	4	9	6	4	18	12	12	75
New London,	17,548	37	2	15	39	26.6	9	2	28.2							5		1			2		4			4	6	6	11
Norwalk,	19,932	36	4	10	23	13.8	5	1	26.0			1						1				1	3	1	1	4		2	9
Norwich,	24,637	50	6	16	29	14.1	7		24.1												4		3		1	2	3	1	15
Orange,	6,995	13	1	3	7	12.0	1		14.2									1	1							1	1		2
Putnam,	7,348	12	2	5	11	17.9	3		27.2												3		1				3		4
Southington,	5,890	15	1	6	10	20.3	4	1	50.0			1									2	1	2	1			1		2
Stamford,	18,839	43		3	23	14.6	4		17.3									2			1		1	1	1	4	1	2	10
Stonington,	8,540	15		2	12	16.8	4	2	50.0												3			1		2	1	1	4
Thompson,	6,442	21	1	1	8	14.9	2	2	50.0						1						3						2		2
Torrington,	12,453	41	1	8	13	12.5	4	1	38.4												2	1	3			2		2	3
Vernon,	8,483	17	2	6	10	14.1	1	1	20.0												2	1	2			2		1	2
Wallingford,	9,001	24		2	10	13.3	4		40.0												3				1	1	1	2	2
Waterbury,	51,139	132	3	33	70	16.4	21	9	42.8					1	2		1	2	1		8	1	4	5	1	7	2	2	33
Winchester,	7,763	16	2	3	12	18.5	7	1	66.6									1			2	1	1	1		3			3
Windham,	10,137	19		6	11	13.0		1	9.0												1		2			2	1	2	3
Total of the 34 above towns,	668,616	1439	73	401	901	16.1	248	64	34.6		1	2		3	12	15	2	23	13		112	15	72	40	15	104	69	53	350
132 towns of less than 5,000 inhabitants,	238,432	397	14	69	265	13.3	47	11	21.8					1	8	1		7		1	30	7	24	9	4	24	21	19	109
Total reported from 166 towns,	907,048	1836	87	470	1166	15.4	295	75	31.7		1	2		4	20	16	2	30	13	1	142	22	96	49	19	128	90	72	459
Population of towns not reporting,	1,307																												

The Mortality in Public Institutions of the State were: in Bridgeport, 9; in Hartford, 20; in Middletown, 12; and in New Haven, 28. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in September; Ashford, Avon, Barkhamsted, Bethany, Bolton, Bozrah, Burlington, Canaan, Chaplin, Colebrook, Eastford, Easton, East Windsor, Goshen, Hebron, Ledyard, Lisbon, Madison, Marlborough, Middlebury, Monroe, New Fairfield, Newtown, North Branford, North Stonington, Pomfret, Prospect, Roxbury, Saybrook, Scotland, South Windsor, Warren, Waterford, Wolcott, Woodbridge—35.

The Registrars of the following towns have made no report for September: Beacon Falls, East Granby.

The statement in the last Bulletin that no report had been received from Cornwall was because, although duly posted, it had miscarried in the mails, and was not received in time for publication.

REMARKS.

By Mortality Reports received there were 1,166 deaths during the month of September. This was 182 less than in August, and 69 less than in September of last year, and 62 less than the average number of deaths in September for the five years preceding.

	1902	1901	1900	1899	1898	1897
January,	1172	1439	1367	1565	1153	1123
February,	1124	1381	1261	1192	1026	1142
March,	1239	1441	1691	1221	1272	1369
Total 1st quarter,	3535	4261	4319	3978	3451	3634
April,	1191	1253	1678	1169	1197	1212
May,	1100	1056	1230	1025	1138	1109
June,	1061	1022	1121	1048	984	978
Total 2d quarter,	3352	3331	4029	3242	3319	3299
July,	1394	1297	1583	1369	1225	1225
August,	1348	1310	1642	1382	1402	1237
September,	1166	1235	1270	1142	1351	1136
Total 3d quarter,	3908	3842	4495	3893	3978	3598

The death-rate was 16.1 for the large towns, for the small towns 13.3, and for the whole State 15.4.

The deaths reported from infectious diseases, including diarrhoeal, were 349, being 29.9 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—Bridgeport, 3; Enfield, 1; Hartford, 1; Jewett City (borough), 4; Naugatuck, 2; New London, 10; Norwich (city), 2+; Sprague, 3; Stafford, 6.—Total, 32+ in 9 towns.

Cerebro Spinal Fever.—Hartford, 2.

Scarlet Fever.—Ansonia, 4; Berlin, 3; Bristol, 1; Bridgeport, 14; Burlington, 1; Canton, 3; Danbury (city), 1; Derby, 3; East Hartford, 3; Enfield, 1; Goshen, 1; Groton, 1; Hartford, 17; Manchester, 2; Naugatuck, 3; New Britain (city), 6; New Hartford, 2; New Haven, 12; New London, 2; Shelton (borough), 1; Southington, 9; South Norwalk (city), 5; Stamford (city), 2; Stamford (town), 1; Stonington (borough) 3; Torrington (town and borough), 3; Trumbull, 2; Vernon, 2; Wallingford, 1; Waterbury, 6; Watertown, 1; West Hartford, 6; Willimantic (city), 1; Windsor, 1; Winsted (borough), 1.—Total, 125 in 34 towns.

Diphtheria and Croup.—Ansonia, 1; Branford, 1; Bridgeport, 19; Danbury (city), 1; Danbury (town), 2; Danielson (borough), 5; Derby, 2; East Hartford, 1; Ellington, 1; Fairfield, 2; Farmington, 1; Hartford, 12; Harwinton, 2; Hebron, 7; Manchester, 3; Meriden (city), 1; Milford, 5; Naugatuck, 4; New Britain (city), 3; New Canaan (town and borough), 4; New Hartford, 24; New Haven, 7; New London, 1; New Milford, 2; North Haven, 1; North Stonington, 1; Norwalk (city), 1; Norwalk (town), 1; Redding, 9; South Norwalk (city), 4; Sprague, 2; Stafford Springs (borough), 1; Thompson, 3; Torrington (town and borough), 2; Waterbury, 10; Weston, 2; Westport, 3.—Total, 151 in 34 towns.

Whooping Cough.—Canaan, 5; Cheshire, 10; Colchester, 1; Cromwell, 1; Durham, 3; East Lyme, 8; Essex, 15; Hartford, 3; Huntington, 1; Lyme, 5; Manchester, 2; Middletown, 1; Montville, 1; North Haven, 10; Putnam (city and town), 5; Stamford (city), 1; Woodstock, 3.—Total, 75 in 17 towns.

Typhoid Fever.—Ansonia, 4; Bristol, 2; Bridgeport, 13; Canton, 1; Coventry, 3; Danbury (city), 1; Danielson (borough), 1; Derby, 2; East Haddam, 1; East Hartford, 2; Enfield, 5; Fairfield, 1; Franklin, 1; Glastonbury, 2; Groton, 5; Haddam, 1; Hamden, 1; Hampton, 1; Hartford, 11; Harwinton, 1; Madison, 1; Manchester (several cases); Meriden (city), 1; Meriden (town), 1; Milford, 2; Montville, 1; Naugatuck, 3; New Canaan (town and borough), 2; New Fairfield, 1; New Haven, 21; New London, 1; New Milford, 1; North Stonington, 1; Norwalk (city), 4; Norwalk (town), 1; Norwich (city), 3+; Putnam (city and town), 2; Ridgefield, 1; Rockville (city), 1; Roxbury, 1; Scotland, 1; Sherman, 1; Somers, 1; Southington, 1; South Norwalk (city), 2; Stafford, 2; Stafford Springs (borough), 9; Stamford (city), 6; Thomaston, 1; Torrington (town and borough), 2; Trumbull, 1; Wallingford, 1; Waterbury, 23; Watertown, 4; West Hartford, 1; Wethersfield, 1; Windsor Locks, 1; Winsted (borough), 5; Woodbury, 1.—Total, 172+ in 55 towns.

Consumption.—Beacon Falls, 1; Berlin, 1; Brookfield, 1; Bridgeport, 6; Chatham, 2; East Windsor, 1; Milford, 1.—Total, 13 in 7 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Barkhamsted, Bethany, Bethel, Bethlehem, Bloomfield, Bolton, Bozrah, Brooklyn, Bridgewater, Canterbury, Chaplin, Clinton, Colebrook, Columbia, Cornwall, Darien, Eastford, East Haven, Easton, Granby, Greenwich, Griswold, Guilford, Hartland, Kent, Killingly, Killingworth, Lebanon, Ledyard, Lisbon, Litchfield, Mansfield, Marlborough, Middlebury, Monroe, Morris, New Britain, Newington, Newtown, Norfolk, North Branford, North Canaan, Norwich, Old Lyme, Orange, Oxford, Plainville, Plymouth, Pomfret, Portland, Prospect, Ridgefield (borough), Rocky Hill, Salem, Salisbury, Saybrook, Seymour, Sharon, Simsbury, Southbury, South Windsor, Sterling, Stonington, Stratford, Suffield, Tolland, Union, Voluntown, Warren, Washington, Westbrook, West Haven (borough), Willington, Wilton, Winchester, Windham, Wolcott, Woodbridge.—Total, 81.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Cerebro Spinal Fever.—Old Lyme, 1.

Diphtheria and Croup.—Ellington, 1; Fairfield, 1; Milford, 1; New Hartford, 3; Suffield, 1; Weston, 1.—Total, 8.

Whooping Cough.—Essex, 1.

Typhoid Fever.—East Haddam, 1; Fairfield, 1; Franklin, 1; Haddam, 1; Hamden, 1; Wethersfield, 1; Woodbury, 1.—Total, 7.

Consumption.—Andover, 1; Berlin, 1; Bethel, 1; Bethlehem, 1; Brookfield, 1; Chatham, 1; Darien, 1; Ellington, 1; Griswold, 1; Guilford, 1; Mansfield, 1; New Canaan, 1; New Milford, 1; Ridgefield, 2; Rocky Hill, 1; Seymour, 1; Somers, 1; Stratford, 1; Voluntown, 1; Weston, 1; Wethersfield, 1; Willington, 1; Windsor Locks, 1.—Total, 25.

All the Health Officers of New Haven, Fairfield, Litchfield and Tolland Counties have reported. But the Health Officers of the following towns have not reported:

Hartford Co.—East Granby.
New London Co.—Preston, Waterford.
Windham Co.—Plainfield.
Middlesex Co.—Chester, Middlefield, Old Saybrook.

THE VACCINATION OF SCHOOL CHILDREN.

The Town Health Officers, influenced by the general prevalence of small pox in every part of the Union, and its more frequent invasion of Connecticut during the past few months, have very generally submitted the following regulation to the State Board of Health, for approval, as required by law to make it effective.

THE REGULATION.

> No Superintendent, Principal or Teacher of any public or private school in this Town shall permit any child to attend school until such child shall have been vaccinated, or shall have produced evidence from a physician that, in the opinion of such physician, it would not be prudent, on account of sickness, for such child to be vaccinated.

The State Board has given a hearing to the health authorities of every town whose Health Officer has by his signature indicated his desire to adopt the rule. Two hearings have been held, one at Osborn Hall, Yale University, on August 21st, and the other at the Medical College, September 27th. At the first hearing all who appeared before the Board expressed their confidence in the protective power of vaccination, and the importance of the general practice of it, as a prudent and effective protection from small pox. Objections were made from only four towns, mostly by laymen officially connected with the public schools, urging that it would interrupt the attendance. Only two physicians opposed its approval, because they thought it would be unpopular with their constituents.

At the second hearing no one appeared in opposition to its approval.

All the towns in the counties of Hartford, New Haven, New London and Tolland submitted the regulation. Only the health officers of the following towns did not submit it: Sherman in Fairfield Co.; Ashford, Canterbury, Sterling, Thompson and Windham in Windham Co.; Harwinton and Morris in Litchfield Co., and Middlefield, Saybrook and Old Saybrook in Middlesex Co. Two of the towns whose health officers, after signing their approval, changed their minds about it, wrote the Board that they regretted their action. They are of the towns of Salem and Franklin. The rule for these towns are still under consideration. The regulation for the other towns were approved by the Board.

This regulation when published or posted, as required by law and recorded in the land records of the town, shall remain in force until altered or repealed in the manner prescribed for making regulations.

The four largest cities in the State, and several smaller ones, are now enforcing a similar regulation in the public schools.

The only towns of considerable population that did not submit the regulation for approval are Thompson and Windham. Thompson reported 32 cases of small pox in July and August, the largest sick rate, from small pox, of any town in the State in proportion to population.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and Superintendent of Vital Statistics.

New Haven, October 15th, 1902.

METEOROLOGICAL REPORT FOR THE MONTH OF SEPTEMBER, 1902.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A.M.	8 P.M.	
1	30.01	29.93	71	73	76	84	67	17	84	86	S W	7	S W	13	269	29	.0	Clear	Clear	Clear
2	29.95	29.97	73	71	74	84	65	19	88	58	S W	6	N	13	224	17	.01	Cloudy	Clear	Partly Cl'dy
3	30.10	30.00	63	70	66	75	56	19	67	81	N	5	S E	8	179	15	.0	Clear	Cloudy	Partly Cl'dy
4	29.81	29.86	69	64	67	75	59	16	90	72	S W	13	N	4	208	22	.26	Cloudy	Cloudy	Cloudy
5	30.07	30.23	58	58	58	65	50	15	61	61	N W	18	N W	6	234	24	.0	Clear	Clear	Clear
6	30.38	30.28	53	63	56	67	45	22	58	77	N	15	S E	12	267	27	.0	Clear	Cloudy	Partly Cl'dy
7	30.14	30.06	62	69	66	75	57	18	89	85	W	2	S W	4	134	13	.07	Cloudy	Clear	Partly Cl'dy
8	30.14	30.08	65	70	67	77	57	20	82	66	N W	1	S	9	145	15	.0	Clear	Clear	Clear
9	29.96	29.64	69	70	67	74	60	14	90	100	S	12	S	17	346	35	1.90	Cloudy	Light Rain	Cloudy
10	29.91	30.03	59	61	62	71	54	17	81	73	N W	6	N W	8	175	17	.06	Partly Cl'dy	Clear	Clear
11	30.17	30.17	58	65	60	72	48	24	66	82	N W	1	S	9	157	15	.0	Clear	Partly Cl'dy	Clear
12	30.24	30.15	63	66	63	73	53	20	77	85	S W	2	S E	11	201	20	.0	Clear	Partly Cl'dy	Clear
13	30.00	30.03	68	53	64	76	51	25	92	94	S E	22	N	12	293	30	.61	Light Rain	Light Rain	Cloudy
14	30.20	30.16	54	56	57	66	48	18	75	65	N W	5	N W	6	199	21	.03	Clear	Clear	Clear
15	30.24	30.19	52	57	56	67	45	22	63	71	N	10	S W	3	154	12	.0	Clear	Clear	Clear
16	30.30	30.29	51	59	55	71	46	25	78	86	N	9	S W	4	157	15	.0	Clear	Clear	Clear
17	30.35	30.29	53	58	60	70	50	20	81	85	N	12	E	4	205	12	.0	Clear	Clear	Clear
18	30.23	30.17	55	62	60	65	54	11	94	97	N	12	N	7	255	20	.09	Cloudy	Misting	Cloudy
19	30.19	30.16	59	65	62	67	57	10	97	97	N	12	N	11	229	17	.14	Misting	Misting	Cloudy
20	30.24	30.26	65	66	68	74	63	11	92	78	N	8	E	7	233	20	.48	Cloudy	Clear	Cloudy
21	30.29	30.21	59	64	64	72	57	15	89	87	N	10	N E	6	256	20	.0	Cloudy	Clear	Partly Cl'dy
22	30.13	30.03	60	65	64	70	59	11	89	87	N E	9	N E	6	222	17	T	Cloudy	Cloudy	Cloudy
23	30.00	29.90	64	69	68	79	58	21	80	83	N	9	S	6	158	15	.0	Clear	Clear	Clear
24	29.95	30.12	67	58	62	71	53	18	85	81	N W	4	N	5	176	25	T	Partly Cl'dy	Cloudy	Cloudy
25	30.25	30.24	46	52	50	56	45	11	93	95	N	11	N E	8	229	13	.15	Light Rain	Light Rain	Cloudy
26	30.16	30.03	53	57	56	61	51	10	94	100	N E	9	N	8	191	14	.66	Light Rain	Light Rain	Cloudy
27	29.84	29.80	60	64	62	68	57	11	97	98	N E	6	N	4	168	17	.69	Misting	Cloudy	Cloudy
28	29.78	29.66	65	67	66	70	62	8	97	100	S E	8	S E	4	164	17	.69	Cloudy	Light Rain	Cloudy
29	29.67	29.77	59	62	64	70	57	13	89	92	S W	4	S E	5	126	10	.0	Cloudy	Clear	Cloudy
30	29.79	29.73	64	67	66	71	62	9	90	91	N	9	N	5	124	12	T	Cloudy	Cloudy	Cloudy
Month Ave's.	30.08	30.05	60	63	63	71	55	16	84	84	N	9	N	8	202	35	5.84			

SUMMARY.

BAROMETER.

Monthly Mean, 30.06 inches.

Highest, 30.38 in.; Date, 6.

Lowest, 29.64 in.; Date, 9.

Monthly range, .74 inches.

TEMPERATURE.

Monthly Mean, 63 degrees.
Highest, 84 degrees; Date, 1, 2.
Lowest, 45 degrees; Date, 6.
Absolute range, 39 degrees.
Greatest daily range, 25 degrees; Date, 13.
Least daily range, 8 deg.; Date, 28.
Mean daily range, 16 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 38 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 8 miles.
Max. velocity and direction, 32 S. E.; Date, 9.
Total monthly movement, 6,075 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 17.
*Greatest 24 hour precipitation. (in. and 100ths), 1.96; Date, 9.
Total monthly precipitation, (in. and 100ths), 0 in.
Total depth of snowfall (inches and 10ths), 0 in.
Dates of thunder storms, 4, 28.
Accumulated deficiency of precipitation since Jan. 1st, 5.87 inches.

COMPAR. TEMP. (Mon. Mean.)

1873	62 deg.	1888	61 deg.
1874	64 "	1889	63 "
1875	61 "	1890	68 "
1876	61 "	1891	66 "
1877	65 "	1892	62 "
1878	65 "	1893	60 "
1879	60 "	1894	66 "
1880	64 "	1895	66 "
1881	70 "	1896	63 "
1882	65 "	1897	67 "
1883	61 "	1898	67 "
1884	67 "	1899	62 "
1885	62 "	1900	67 "
1886	64 "	1901	64 "
1887	59 "	1902	63 "

COM. RAINFALL. (Inches and 100ths.)

1873	2.12	1888	7.68
1874	4.07	1889	4.98
1875	2.10	1890	5.38
1876	5.34	1891	3.96
1877	1.13	1892	1.54
1878	7.67	1893	2.24
1879	2.13	1894	4.63
1880	3.73	1895	2.61
1881	1.45	1896	3.42
1882	13.43	1897	2.42
1883	3.43	1898	2.30
1884	1.41	1899	3.33
1885	.77	1900	2.10
1886	2.25	1901	5.70
1887	2.21	1902	5.84

Monthly mean humidity, 84 per cent. Monthly mean dew point, 57. Number of clear days, 11. Number of fair days, 5. Number of cloudy days, 14.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVI. NO. 10.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
R. S. GOODWIN, M.D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF OCTOBER, 1902.

Entered at the Post Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of October, 1902 and a Statement of the Births and Marriages for the Month of September, 1902.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in Sept.	Still Births in Sept.	Marriages in Sept.	Total Deaths in Oct.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	34	1	17	9	8.5	2	1	33.3						2						1		1						5
Branford,	5,706	8		4	6	12.6	1		16.6												1						1	1	3
Bridgeport,	70,996	179	12	52	78	13.1	18	8	33.3			1			5	2		4			5	1	9	7		15	4	2	23
Bristol,	9,043	16		9	17	21.1	3	1	23.5									1	1		2		2	2		2	2		5
Danbury,	19,474	30	2	11	25	15.4	5	2	28.0			2						1	1				2	2		3	4		10
Derby,	7,930	13	3	8	9	13.6	4	1	55.5						1									1	2	1	1		3
East Hartford,	6,406	14		2	7	13.1	2		28.5												1		2	1					3
Enfield,	6,699	13	1	14	18	32.2	3	1	22.2									2	1				3	1		2	2	1	6
Greenwich,	12,172	13	1	3	13	12.8	2	2	30.7														1	2		6	1		3
Groton,	5,962	13	1	1	6	12.1	2		33.3																	1	1		4
Hartford,	79,850	166	8	77	102	14.2	20	11	30.3				1	1				3	1		4		12	12	2	17	4	5	40
Huntington,	5,572	11		3	2	4.3	1		50.0																				2
Killingly,	6,835	11		8	14	24.5	1		7.1				1								1					3		1	9
Manchester,	10,601	24	3	10	8	9.0	2		25.0												1		1			3	1		2
Meriden,	28,695	76		18	29	12.1	7	4	37.9				1		1			1	2			2	5	2		2	1		12
Middletown,	17,486	23	1	12	31	14.4	5		16.1					1					1		2	1	4	3		5		2	12
Naugatuck,	10,541	28	1	8	17	19.3	3	5	47.0						4	1	1					1		1	1		1		7
New Britain,	28,202	44	5	33	33	14.0	8	1	36.3					1	3						3		4			4	2	5	11
New Haven,	108,027	240	14	92	159	17.2	30	13	27.0						1	1	1	3	1		6	1	22	12	7	20	15	9	60
New London,	17,548	28	2	18	33	22.5	5	2	21.2									1	1		1		5	1		2	2	3	17
Norwalk,	19,932	30	2	18	23	13.8	2	3	21.7						1			1					2	3	1	5	1	1	8
Norwich,	24,637	49		16	32	15.5	6	2	25.0			1						1			2		3	1	3	3	3	4	11
Orange,	6,995	8		4	9	15.4	2	2	44.4												2						2		5
Putnam,	7,348	15		3	15	24.4																1	1		2	1	3	2	6
Southington,	5,890	13		3	8	16.2	3		37.5			1						1			1		1			1			3
Stamford,	18,839	40	3	10	37	23.5	9	5	37.8					1	4			1			1		2		1	6	5	2	14
Stonington,	8,540	16		8	18	25.2	3	5	44.4			3			2						2		1		1	1	2	1	5
Thompson,	6,442	13		5	3	5.5	1		33.3												1	1							1
Torrington,	12,453	18	1	5	16	15.4	7	1	50.0						1						4		1	1		2		1	6
Vernon,	8,483	15		7	11	15.5	3		27.2												2					1		1	6
Wallingford,	9,001	15		6	9	11.9	1	1	22.2										1				2	1		1		2	2
Waterbury,	51,139	133	5	48	68	15.9	17	1	26.4			1		1	1			2	2	1	5		8	2	3	8	6	6	22
Winchester,	7,763	12		9	10	15.4	4		40.0												1		1			2	1		5
Windham,	10,137	27	1	7	13	15.3	5		38.4														1	2		2	2	2	4
Total of the 34 above towns,	668,616	1388	67	549	888	15.9	187	75	29.5			9	3	5	26	4	2	22	12	1	48	8	96	59	21	119	67	51	335
134 towns of less than 5,000 inhabitants,	239,739	338	8	125	245	12.2	39	10	19.6		1				3		1	5	1		14	4	18	11	12	26	35	16	98
Total reported from 168 towns,	908,355	1726	75	674	1133	14.9	226	85	27.3		1	9	3	5	29	4	3	27	13	1	62	12	114	70	33	145	102	67	433

The Mortality in Public Institutions of the State were: in Bridgeport, 13; in Hartford, 25; in Middletown, 12; and in New Haven, 24. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in October; Andover, Bethany, Bethlehem, Bolton, Bozrah, Chaplin, Colebrook, Columbia, Eastford, East Granby, Easton, Ellington, Guilford, Hamden, Hartland, Killingworth, Lisbon, Marlborough, Middlebury, Middlefield, New Fairfield, Preston, Salem, Scotland, Sherman, Tolland, Union, Warren, Westbrook, Weston, Willington, Wolcott—32.

REMARKS.

By Mortality Reports received there were 1,133 deaths during the month of October. This was 33 less than in September, and 71 more than in October of last year, and 31 more than the average number of deaths in October for the five years preceding.

	1902	1901	1900	1899	1898	1897
January,	1172	1439	1367	1565	1153	1123
February,	1124	1381	1261	1192	1026	1142
March,	1239	1441	1691	1221	1272	1369
Total 1st quarter,	3535	4261	4319	3978	3451	3634
April,	1191	1253	1678	1169	1197	1212
May,	1100	1056	1230	1025	1138	1109
June,	1061	1022	1121	1048	984	978
Total 2d quarter,	3352	3331	4029	3242	3319	3299
July,	1394	1297	1583	1369	1225	1225
August,	1348	1310	1642	1382	1402	1237
September,	1166	1235	1270	1142	1351	1136
Total 3d quarter,	3908	3842	4495	3893	3978	3598
October,	1133	1062	1208	1036	1109	1097

The death-rate was 15.9 for the large towns, for the small towns 12.2, and for the whole State 14.9.

The deaths reported from infectious diseases, including diarrhoeal, were 283, being 25.0 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox—Norwich (city), 1; (town), 3.—Total, 4.

Measles—Bridgeport, 1; Derby, 1; Enfield, 1; Hartford, 3; Huntington, 2; Manchester, 1; New London, 2; Norwich (city), (some cases); Oxford, 3; Sprague, 18; Stonington (town), 1; (borough), 1; Thomaston, 1; Waterbury, 1.—Total, 36+ in 13 towns.

Scarlet Fever—Ansonia, 2; Bridgeport, 21; Brooklyn, 4; Cornwall, 1; Danbury (city), 5; East Hartford, 3; Enfield, 1; Farmington, 1; Granby, 1; Greenwich, 1; Groton, 1; Hamden, 8; Hartford, 35; Litchfield, 2; Manchester, 4; Mansfield, 1; Middlebury, 9; Middletown, 1; Naugatuck, 3; New Britain (city), 11; (town), 3; New Haven, 23; New London, 1; North Haven, 1; Norwalk, 1; Sharon, 1; Southington, 16; South Windsor, 2; Stamford (city), 12; (town), 2; Stonington (borough), 7; Stratford, 1; Thompson, 4; Torrington (town and borough), 7; Trumbull, 4; Wallingford, 2; Waterbury, 9; West Haven (borough), 3; Windsor Locks, 1; Winsted (borough), 5.—Total, 220, in 38 towns.

Cerebro Spinal Fever—Hartford, 5; Lyme, 1.—Total, 6.

Diphtheria and Croup—Ansonia, 3; Bridgeport, 21; Bristol, 2; Colchester (town and borough), 3; Danbury (city), 10; Derby, 2; Enfield, 1; Fairfield, 1; Farmington, 1; Hartford, 11; Jewett City (borough), 3; Manchester, 2; Meriden (city), 4; (town), 2; Middletown, 1; Milford, 1; Naugatuck, 17; New Britain (city), 10; New Canaan, 1; New Hartford, 16; New Haven, 7; New London, 2; Norwalk (city), 1; (town), 2; Norwich (city), 1; Redding, 3; Ridgefield, 3; Rockville (city), 3; South Norwalk (city), 3; Stamford (city), 9; Stonington (town), 2; (borough), 2; Stratford, 1; Torrington, 1; Waterbury, 12; West Haven (borough), 2; Westport, 2; Willimantic (city), 1; Winsted (borough), 6.—Total, 175, in 35 towns.

Whooping Cough—Colchester (town and borough), 6; East Hartford, 2; Essex, 11; Hartford, 1; Huntington, 6; Lyme, 6; Norfolk, 6; North Stonington, 3+; Norwich (city), (some cases); Wallingford, (epidemic); Waterbury, 1; Westport, 1; Wethersfield, 25; Wilton, 4.—Total, 72, in 14 towns.

Typhoid Fever—Berlin, 2; Bridgeport, 10; Bristol, 2; Danbury (city), 5; East Hartford, 1; Ellington, 1; Enfield, 6; Farmington, 3; Glastonbury, 1; Greenwich, 1; Griswold, 1; Groton, 1; Hartford, 20; Kent, 1; Ledyard, 1; Mansfield, 2; Meriden (city), 2; Milford, 1; Monroe, 1; Naugatuck, 2; New Haven, 22; New London, 2; Norwalk (city), 2; (town), 2; Norwich, 1; Old Saybrook, 1; Ridgefield (town), 1; (borough), 1; Rockville (city), 1; Roxbury, 1; Somers, 1; Southington, 2; South Norwalk (city), 1; Sprague, 3; Stafford Springs (borough), 5; Stamford (city), 2; Stonington, 1; Stratford, 1; Vernon, 3; Waterbury, 24; Watertown, 3; Willimantic (city), 3; Winsted (borough), 1.—Total, 148, in 40 towns.

Consumption—Branford, 1; Bridgeport, 8; Norwalk (city), 2; Plainville, 1; West Haven (borough), 3.—Total, 15, in 5 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Barkhamsted, Bethany, Bethel, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Burlington, Canaan, Canton, Chaplin, Chatham, Cheshire, Chester, Clinton, Colebrook, Columbia, Coventry, Cromwell, Danbury, Danielson (borough), Durham, Eastford, East Granby, East Haddam, East Haven, East Lyme, East Windsor, Franklin, Goshen, Guilford, Haddam, Hampton, Hartland, Harwinton, Hebron, Killingly, Killingworth, Lebanon, Lisbon, Madison, Marlborough, Montville, Morris, Newington, New Milford, North Branford, North Canaan, Old Lyme, Orange, Plymouth, Pomfret, Preston, Prospect, Rocky Hill, Salem, Salisbury, Saybrook, Scotland, Seymour, Shelton (borough), Simsbury, Southbury, Stafford, Sterling, Tolland, Union, Voluntown, Warren, West Hartford, Weston, Willington, Windham, Windsor, Wolcott, Woodbridge, Woodbury, Woodstock. Total, 82.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population.

Measles—Sprague, 1.

Diphtheria and Croup—Milford, 1; New Canaan, 1; New Hartford, 1.—Total, 3.

Typhoid Fever—Berlin, 1; Mansfield, 1; North Stonington, 1; Old Saybrook, 1; Stafford, 1.—Total, 5.

Consumption—Ashford, 1; Berlin, 1; Colchester, 1; Darien, 1; East Windsor, 1; Griswold, 1; Harwinton, 1; Newtown, 1; North Stonington, 1; Plainville, 1; Plymouth, 1; Portland, 1; Prospect, 1; Sharon, 1; South Windsor, 1; Voluntown, 1; Westport, 1; Windsor, 1.—Total, 18.

All the Health Officers of New Haven and Tolland Counties have reported. But the Health Officers of the following towns have not reported:

Hartford Co.—Avon, Suffield.
New London Co.—Waterford.
Fairfield Co.—Darien, Easton, New Fairfield, Newtown, Sherman.
Windham Co.—Canterbury, Plainfield, Putnam.
Litchfield Co.—Washington, Winchester.
Middlesex Co.—Middlefield, Portland, Westbrook.

SMALL POX IN CONNECTICUT.

One of the most notable facts relating to the health of the State during the past year, was the wide spread prevalence of small pox. Cases were reported from thirty-four different towns, including every county in the State.

In only a few places did it assume the character of an epidemic, although regarded as the most contagious of all diseases.

In two ways these outbreaks gave testimony to the protective power of vaccination. First, Connecticut, one of the most densely populated States, and in very intimate relation with the rest of the country, both by land and water, was slow to entertain any cases of the disease long after it was claiming thousands of victims in other States. This exemption can only be explained because so large a proportion of the inhabitants have been rendered immune by vaccination.

Secondly, the spread of the disease has been almost wholly among those who were never vaccinated, or so long ago, that its protective power was impaired by time. In still another way its value has been verified, by the prompt arrest of the spread of the disease wherever a general vaccination has been practiced.

There were 323 cases reported during the year ending October 1st, of which only 22 were fatal, giving the surprisingly low death-rate of only 6.8 per cent. In all the literature of the disease there is no record of an epidemic of so mild a type.

In the three largest cities in the State, where general vaccination is observed, there were only 16 cases all told.

Vaccination in England: Since the unfortunate modification of the vaccination laws of England, enacted in 1898, very many children have been exempted from vaccination. The effect of this disastrous piece of legislation is already showing itself in more ways than one. Seventy English life insurance companies have required a renewal of their policies.

Thirteen companies absolutely refuse to insure unvaccinated children, fifty-seven companies consider such persons as exposed to an extra risk, and refuse to pay the amount insured if the policy-holder dies of small pox, while only ten companies continue the old form of contract. Many public departments refuse to employ unvaccinated persons. The Duke of Norfolk (postmaster general), as a peer of the realm, voted for the conscience bill, but as a matter of public policy, does not allow unvaccinated persons in the postal service. The same is also true of the heads of the war and navy departments, each of which voted for the conscience bill, but allowed no unvaccinated persons in their branches of public service. The first lord of the treasury has adopted the same measure. In some quarters of the city landlords have turned out tenants who refuse to be vaccinated, and have placed signs upon their houses bearing the inscription, "Not for unvaccinated tenants."

—*Bulletin, Indiana State Board Health.*

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, November 15, 1902.

METEOROLOGICAL REPORT FOR THE MONTH OF OCTOBER, 1902.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date	Barometer.†		Temperature.‡						Relative Humidity.‖		Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.62	29.74	61	62	62	63	61	2	97	92	N E	11	N	6	215	15	.30	Cloudy	Clear	Cloudy
2	29.96	30.01	63	63	66	74	58	16	84	77	N	1	N W	8	158	13	.0	Clear	Clear	Clear
3	30.08	30.01	59	62	62	70	55	15	75	66	N	9	N W	6	181	17	.0	Cloudy	Cloudy	Partly Cl'dy
4	30.30	30.03	58	58	60	64	55	9	66	76	N E	15	N E	2	161	16	T	Clear	Cloudy	Partly Cl'dy
5	29.98	29.78	57	57	60	63	56	7	97	97	E	8	N E	5	210	24	1.07	Light Rain	Cloudy	Cloudy
6	29.58	29.76	67	58	62	71	52	19	92	70	S W	9	W	6	259	30	1.18	Cloudy	Clear	Partly Cl'dy
7	29.90	29.84	55	61	58	69	48	21	75	73	W	4	S W	8	200	20	.0	Clear	Clear	Clear
8	30.00	30.14	53	56	58	65	50	15	66	57	W	12	S W	5	212	26	.0	Clear	Clear	Clear
9	30.06	30.24	57	51	58	71	45	26	71	81	S W	10	N	18	284	20	.0	Clear	Clear	Clear
10	30.46	30.30	41	49	46	57	36	21	65	64	N W	3	S W	7	152	12	.0	Clear	Clear	Clear
11	30.13	29.81	47	56	50	60	41	19	89	100	S W	3	N E	10	145	27	.41	Cloudy	Light Rain	Cloudy
12	29.48	29.81	55	60	60	66	54	12	93	83	N E	24	N	8	396	65	.85	Misting	Clear	Cloudy
13	29.97	29.83	54	65	58	70	47	23	91	85	N	2	S	10	173	15	.0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
14	29.84	29.91	60	54	55	65	45	20	48	67	W	6	N W	3	174	18	T	Cloudy	Clear	Clear
15	30.12	30.00	43	52	48	58	38	20	76	66	W	3	S W	3	123	15	.0	Clear	Clear	Clear
16	30.02	30.08	47	52	56	67	45	22	72	57	W	5	N	11	146	15	.0	Clear	Clear	Clear
17	30.29	30.30	40	44	44	47	40	7	75	82	N	15	N	5	209	24	T	Cloudy	Cloudy	Cloudy
18	30.32	30.21	43	62	52	63	40	23	92	92	N	12	S	10	175	15	.19	Misting	Cloudy	Cloudy
19	30.16	30.03	62	63	64	67	61	6	90	95	S W	6	S W	5	143	10	.0	Partly Cl'dy	Cloudy	Partly Cl'dy
20	30.03	30.06	56	55	57	65	49	16	77	57	N W	12	W	5	145	14	.0	Clear	Clear	Clear
21	30.23	30.38	44	42	45	52	38	14	63	75	N W	9	N W	4	227	23	.0	Clear	Clear	Clear
22	30.43	30.22	36	52	42	54	31	23	68	78	N	4	S W	8	136	15	.0	Clear	Clear	Clear
23	30.09	30.30	50	50	51	58	44	14	84	87	S W	6	N E	10	186	21	T	Sprinkling	Cloudy	Partly Cl'dy
24	30.38	30.12	42	60	48	60	37	23	69	86	E	5	S W	10	187	13	T	Clear	Partly Cl'dy	Cloudy
25	30.02	30.34	57	50	52	64	40	24	85	67	N	3	N	15	232	21	T	Partly Cl'dy	Clear	Clear
26	30.53	30.34	36	49	43	52	34	18	86	80	N E	15	S E	9	286	21	.0	Partly Cl'dy	Cloudy	Partly Cl'dy
27	30.10	29.88	59	60	60	67	52	15	87	93	S	6	S	6	165	11	.0	Cloudy	Cloudy	Cloudy
28	29.37	29.55	63	51	54	63	45	18	100	81	S E	20	N W	12	281	28	2.41	Light Rain	Cloudy	Cloudy
29	29.85	30.20	41	40	42	47	36	11	76	64	W	5	N W	5	183	30	T	Clear	Clear	Partly Cl'dy
30	30.51	30.41	35	50	42	52	31	21	67	68	W	5	S W	7	144	15	T	Clear	Cloudy	Clear
31	30.36	30.41	45	47	50	59	42	17	64	69	S W	4	N	6	187	17	.0	Clear	Clear	Clear
Month Ave's.	30.06	30.07	51	55	54	62	45	17	79	77	N & W	8	S W	8	196	65	6.41			

SUMMARY.

Barometer.

Monthly Mean, 30.06 inches.

Highest, 30.53 in.; Date, 26.

Lowest, 30.37 in.; Date, 28.

Monthly range, 1.16 inches.

Temperature.

Monthly Mean, 54 degrees.
Highest, 74 degrees; Date, 2.
Lowest, 31 degrees; Date, 30.
Absolute range, 43 degrees.
Greatest daily range, 26 degrees; Date, 9.
Least daily range, 2 deg.; Date, 1.
Mean daily range, 17 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 78 degrees.

Wind.

Prevailing direction, N.
Mean hourly velocity, 8 miles.
Max. velocity and direction, 57 N. E.; Date, 12.
Total monthly movement, 6,075 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 15.
*Greatest 24 hour precipitation. (in. and 100ths), 2.41; Date, 27 and 28.
Total monthly precipitation, (in. and 100ths), 6.41 in.
Total depth of snowfall (inches and 10ths). T in.
Dates of thunder storms, 12.
Accumulated deficiency of precipitation since Jan. 1st, 3.51 inches.

Compar. Temp. (Mon. Mean.)

1873---52 deg.	1888---48 deg.	1873---6.18	1888---6.46
1874---52 "	1889---49 "	1874---1.86	1889---3.96
1875---53 "	1890---51 "	1875---3.18	1890---7.63
1876---50 "	1891---51 "	1876---1.12	1891---4.62
1877---54 "	1892---52 "	1877--10.09	1892--- .94
1878---56 "	1893---54 "	1878---2.33	1893---4.75
1879---58 "	1894---53 "	1879--11.41	1894---6.11
1880---51 "	1895---49 "	1880---4.07	1895---3.32
1881---56 "	1896---50 "	1881---2.78	1896---2.91
1882---56 "	1897---53 "	1882---3.54	1897---1.25
1883---49 "	1898---54 "	1883---5.87	1898---7.22
1884---53 "	1899---54 "	1884---2.49	1899---1.78
1885---52 "	1900---58 "	1885---5.57	1900---2.05
1886---53 "	1901---53 "	1886---1.95	1901---2.95
1887---51 "	1902---57 "	1887--- 3.24	1902---6.41

Monthly mean humidity, 78 per cent. Monthly mean dew point, 46. Number of clear days, 14. Number of fair days, 8. Number of cloudy days, 9.

Notes.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVI. NO. 11.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
R. S. GOODWIN, M.D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF NOVEMBER, 1902.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of November, 1902 and a Statement of the Births and Marriages for the Month of October, 1902.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in Oct.	Still Births in Oct.	Marriages in Oct.	Total Deaths in Nov.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	23	---	14	14	13.2	4	2	42.8	---	---	---	---	---	2	---	---	---	---	---	---	---	1	---	4	1	1	2	3
Branford,	5,706	12	2	4	2	4.2	---	1	50.0	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Bridgeport,	70,996	167	14	91	106	17.4	24	11	33.0	---	---	---	1	---	6	3	---	3	1	---	2	---	8	11	3	11	10	4	43
Bristol,	9,043	19	2	9	11	13.6	1	---	9.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	---	2	1	---	5
Danbury,	19,474	18	1	19	34	20.9	4	2	17.6	---	1	1	---	---	3	---	---	1	---	---	---	---	1	2	1	6	7	2	9
Derby,	7,930	20	---	7	7	10.5	2	---	28.5	---	---	---	---	---	---	---	---	---	---	---	---	1	---	2	---	2	---	---	2
East Hartford,	6,406	14	2	8	3	5.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	2
Enfield,	6,699	23	1	15	9	16.1	3	---	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	2	1	1	4
Greenwich,	12,172	17	---	7	13	12.8	3	2	38.1	---	---	---	---	---	---	1	---	1	---	---	---	---	1	---	1	1	1	1	6
Groton,	5,962	11	1	4	8	16.1	1	---	12.5	---	---	---	---	---	---	---	1	---	---	---	---	---	1	---	1	1	2	---	2
Hartford,	79,850	142	11	113	103	13.5	12	12	23.3	---	3	1	---	---	1	2	---	---	1	---	1	---	10	12	4	12	15	4	37
Huntington,	5,572	12	---	6	3	6.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	2
Killingly,	6,835	16	---	9	12	21.0	2	3	41.6	---	---	---	---	---	1	---	---	1	---	---	2	---	---	1	---	2	---	---	5
Manchester,	10,601	16	2	9	12	13.5	---	3	27.2	---	---	---	---	---	2	---	1	---	---	---	---	---	1	1	---	1	2	1	3
Meriden,	28,695	59	2	34	25	10.4	6	---	24.0	---	---	---	---	---	---	1	---	---	---	---	---	---	1	1	---	2	1	3	16
Middletown,	17,486	13	---	15	21	9.6	3	---	14.2	---	---	---	---	---	---	---	---	1	---	---	---	---	3	---	1	3	4	---	9
Naugatuck,	10,541	18	1	11	10	11.3	2	1	30.0	---	---	---	---	---	2	---	1	1	---	---	---	---	1	---	---	---	1	1	3
New Britain,	28,202	58	3	40	32	13.6	5	8	40.6	---	---	---	---	---	2	---	---	1	---	---	---	---	3	6	3	2	1	4	10
New Haven,	108,027	271	10	124	120	12.9	19	13	26.6	---	---	---	1	1	1	1	---	5	1	---	3	---	25	16	8	8	5	5	40
New London,	17,548	27	1	23	23	15.7	6	---	26.0	---	---	---	---	---	---	---	---	1	---	---	1	---	3	2	---	3	2	1	10
Norwalk,	19,932	32	1	18	16	9.6	2	---	12.5	---	---	---	---	---	1	---	---	---	---	---	---	---	1	2	1	2	2	---	7
Norwich,	24,637	48	1	27	30	14.6	3	2	16.6	---	1	---	---	---	---	1	---	---	---	---	---	1	2	1	1	7	4	1	11
Orange,	6,995	10	1	7	12	20.5	4	1	41.6	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	1	---	2	1	7
Putnam,	7,348	12	---	8	12	19.5	3	1	33.3	---	---	---	---	---	---	---	---	---	---	---	1	---	2	1	1	1	---	1	5
Southington,	5,890	19	---	11	5	10.1	1	---	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	3	---	1
Stamford,	18,839	44	---	19	23	14.6	1	1	8.6	---	---	---	---	---	2	---	---	---	---	---	---	1	3	2	---	6	1	1	7
Stonington,	8,540	14	1	9	7	9.8	1	2	42.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	1	---	1	4
Thompson,	6,442	14	---	5	10	18.6	3	1	40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	2	1	---	1	1	1	4
Torrington,	12,453	35	---	9	10	9.6	3	---	30.0	---	---	---	---	---	---	---	---	---	---	---	1	---	---	1	1	1	---	2	4
Vernon,	8,483	7	---	12	14	19.8	1	3	28.5	---	---	---	---	---	4	---	---	1	---	---	---	---	---	2	---	2	---	---	5
Wallingford,	9,001	20	---	4	8	10.6	3	---	37.5	---	---	---	---	---	---	1	---	---	---	---	---	1	---	2	1	3	---	---	---
Waterbury,	51,139	136	7	45	75	17.5	22	12	45.3	---	---	2	1	---	6	---	---	4	---	---	5	---	9	3	---	9	11	1	24
Winchester,	7,763	7	1	8	10	15.4	1	1	20.0	---	---	1	---	---	---	---	---	---	---	---	---	---	1	1	1	1	---	1	4
Windham,	10,137	19	---	8	19	22.4	3	1	21.0	---	---	---	---	---	---	---	---	1	---	---	---	1	1	---	---	---	3	2	11
Total of the 34 above towns,	668,616	1373	65	752	819	14.6	148	83	28.2	---	6	5	3	1	33	10	3	21	3	---	17	5	80	75	33	94	83	41	306
134 towns of less than 5,000 inhabitants,	239,739	328	15	191	264	13.2	34	13	17.8	---	1	1	1	1	4	1	1	4	---	---	1	2	16	30	6	38	33	10	114
Total reported from 168 towns,	908,355	1701	80	943	1083	14.3	182	96	25.6	---	7	6	4	2	37	11	4	25	3	---	18	7	96	105	39	132	116	51	420

The Mortality in Public Institutions of the State were: in Bridgeport, 15; in Hartford, 22; in Middletown, 7; and in New Haven, 16. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in November; Barkhamsted, Beacon Falls, Bethlehem, Bolton, Cornwall, Durham, Eastford, Easton, East Granby, Franklin, Granby, Haddam, Hartland, Hebron, Lisbon, Marlborough, Middlefield, Newington, North Stonington, Old Lyme, Prospect, Salem, Saybrook, Scotland, Sherman, Sterling, Union, Warren, Westbrook, Wethersfield, Woodbridge—31.

REMARKS.

By Mortality Reports received there were 1,083 deaths during the month of November. This was 50 less than in October, and 21 less than in November of last year, and 32 more than the average number of deaths in November for the five years preceding.

	1902	1901	1900	1899	1898	1897
January,	1172	1439	1367	1565	1153	1123
February,	1124	1381	1261	1192	1026	1142
March,	1239	1441	1691	1221	1272	1369
Total 1st quarter,	3535	4261	4319	3978	3451	3634
April,	1191	1253	1678	1169	1197	1212
May,	1100	1056	1230	1025	1138	1109
June,	1061	1022	1121	1048	984	978
Total 2d quarter,	3352	3331	4029	3242	3319	3299
July,	1394	1297	1583	1369	1225	1225
August,	1348	1310	1642	1382	1402	1237
September,	1166	1235	1270	1142	1351	1136
Total 3d quarter,	3908	3842	4495	3893	3978	3598
October,	1133	1062	1208	1036	1109	1097
November,	1083	1104	1097	980	1024	1053

The death-rate was 14.6 for the large towns, for the small towns 13.2, and for the whole State 14.3.

The deaths reported from infectious diseases, including diarrhoeal, were 220, being 20.3 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Killingly, 1; Norwich, 3; Sprague, 6; Thompson, 1.—Total, 11 in 4 towns.

Measles.—Chester, 2; Danbury (city), 16; (town), 7; Darien, 1; Derby, 3; East Hartford, 1; Essex, 1; Farmington, 2; Hartford, 25; Manchester, 1; New London, 1; North Haven, 1; Norwich (city), 10+; Putnam, 1; Stamford (city), 2; Waterbury, 4.—Total, 78+ in 15 towns.

Scarlet Fever.—Beacon Falls, 1; Bridgeport, 19; Burlington, 1; Canton, 3; Chester, 1; Colebrook, 1; Cornwall, 1; Danbury (city), 2; (town), 1; Derby, 1; Enfield, 2; Greenwich, 1; Hamden, 5; Hartford, 36; Manchester, 3; Meriden, 2; Middlebury, 2; Middletown, 1; Milford, 1; Naugatuck, 6; New Britain (city), 9; (town), 1; New Haven, 21; New London, 2; Newtown, 1; North Haven, 1; Norwalk (city), 1; (town), 1; Southington, 12; South Windsor, 4; Stamford (city), 2; Suffield, 1; Thompson, 1; Torrington, 1; Wallingford, 3; Waterbury, 8; Watertown, 2; West Haven (borough), 2; Willimantic (city), 1; Winchester, 1; Windham, 1; Windsor, 1; Windsor Locks, 2; Winsted (borough), 5.—Total, 174 in 39 towns.

Cerebro-Spinal Fever.—Chester, 1.

Diphtheria and Croup.—Ansonia, 5; Berlin, 1; Bethany, 1; Bethel, 4; Bridgeport, 28; Danbury (city), 10; Danielson (borough), 1; Derby, 1; Eastford, 1; East Haven, 1; East Windsor, 3; Farmington, 1; Hamden, 2; Hartford, 15; Jewett City (borough), 1; Madison, 1; Manchester, 5; Meriden (city), 1; Middletown, 1; Milford, 4; Naugatuck, 9; New Britain (city), 11; (town), 1; New Hartford, 1; New Haven, 10; Newtown, 1; North Stonington, 5+; Norwalk (city), 2; (town), 2; Norwich (city), 3; Pomfret, 1; Putnam, 1; Redding, 4; Rockville (city), 20; Roxbury, 7; Seymour, 1; Stamford (city), 10; (town), 1; Stonington, 1; Torrington (town and borough), 3; Voluntown, 1; Wallingford, 2; Waterbury, 11; Willimantic (city), 2; Wilton, 1.—Total, 198+ in 42 towns.

Whooping Cough.—Ansonia, 2; Canton, 12+; Colchester (town and borough), 2; Essex, 18; Jewett City (borough), 1; Lyme, 10; North Branford, 3+; Norwich (city), 200+; Old Saybrook, 3; Saybrook, 1; Southington, 2; Waterbury, 2; Wethersfield, 25.—Total, 281+ in 13 towns.

Typhoid Fever.—Bridgeport, 3; Bristol, 3; Columbia, 1; Cromwell, 1; Danbury (city), 3; Derby, 2; Enfield, 2; Greenwich, 1; Griswold, 1; Hamden, 1; Hartford, 7; Monroe, 1; New Canaan, 1; New Haven, 11; New London, 1; Newtown, 1; Norwalk (city), 4; (town), 2; Norwich (city), 3; (town), 1; Plainville, 1; Portland, 1; Somers, 1; Stafford Springs (borough), 1; Stamford (city), 2; Thomaston, 3; Waterbury, 6; West Haven (borough), 2; Winsted (borough), 1.—Total, 68 in 27 towns.

Consumption.—Branford, 1; Bridgeport, 3; Guilford, 1; Naugatuck, 1; Southbury, 1; Stratford, 1.—Total, 8 in 6 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Barkhamsted, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Canaan, Canterbury, Chaplin, Chatham, Cheshire, Clinton, Coventry, Durham, East Granby, East Haddam, East Lyme, Easton, Ellington, Fairfield, Franklin, Glastonbury, Goshen, Granby, Groton, Haddam, Hampton, Hartland, Harwinton, Hebron, Huntington, Kent, Killingworth, Lebanon, Ledyard, Lisbon, Litchfield (town and borough), Mansfield, Marlborough, Morris, New Fairfield, Newington, New Milford, Norfolk, North Canaan, Old Lyme, Orange, Oxford, Plymouth, Preston, Prospect, Ridgefield (town and borough), Rocky Hill, Salisbury, Scotland, Sharon, Shelton (borough), Sherman, Stafford, Sterling, Stonington (borough), Tolland, Trumbull, Union, Vernon, Warren, Washington, Waterford, Westbrook, West Hartford, Weston, Westport, Willington, Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 78.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population.

Measles.—Sprague, 1.

Scarlet Fever.—Middlebury, 1.

La Grippe.—Columbia, 1.

New London Co.—Montville, Salem.

Diphtheria and Croup.—Berlin, 1; Griswold, 1; Hamden, 1; Roxbury, 1.—Total, 4.

Whooping Cough.—Essex, 1.

Typhoid Fever.—Griswold, 1; Kent, 1; Stafford, 1; Wolcott, 1.—Total, 4.

Consumption.—Chatham, 1; Clinton, 1; East Windsor, 1; Glastonbury, 1; Guilford, 1; Hampton, 1; Litchfield, 1; Lyme, 1; Mansfield, 1; Milford, 1; Ridgefield, 1; Sharon, 1; Voluntown, 2; West Hartford, 1; Wolcott, 1.—Total, 16.

All the Health Officers of New Haven, Litchfield and Tolland Counties have reported. But the Health Officers of the following towns have not reported:

Hartford Co.—Avon, Simsbury.

New London Co.—Montville, Salem.

Fairfield Co.—Brookfield.

Windham Co.—Brooklyn, Plainfield.

Middlesex Co.—Middlefield.

The following quotation from the *Bulletin* of the Health Department of Chicago of November 8, 1902, is deserving the considerate attention of a number of communities in Connecticut:

"Since January 1, and up to the end of October there have been 310 cases of small pox discovered and removed to the Isolation Hospital.

"*Not one of these had ever been properly vaccinated.*

"The present small pox situation in Evanston furnishes another object lesson to every person, parent or guardian having the care, custody or control (as employer, for example) of any minor or other individual.

"In that suburb, immediately adjoining Chicago, and with a population of less than 20,000 by the last National census, there are now thirty-three cases of small pox quarantined in twelve houses. In this city, with a population of 1,700,000 by the same census, there are but eleven cases, and these are all safely housed in the Isolation Hospital, and the premises on which they were found have been thoroughly disinfected, and everyone, for blocks in every direction from the infection center, were vaccinated or revaccinated.

"What has occurred in Evanston will occur in Chicago, wherever there are unvaccinated persons. The small pox contagion is imported into the city almost daily, and when the unvaccinated come in contact with it they will surely develop the disease."

In the last paragraph, substitute Connecticut for Chicago, and be warned.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, December 15, 1902.

METEOROLOGICAL REPORT FOR THE MONTH OF NOVEMBER, 1902.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.50	30.42	38	44	44	53	34	19	66	72	N	12	S E	3	136	16	.0	Clear	Clear	Clear
2	30 40	30.27	39	50	46	58	33	25	83	74	S E	1	S W	6	102	9	.0	Partly Cl'dy	Clear	Clear
3	30.20	30.14	42	53	50	62	38	24	100	87	S W	2	S W	5	115	11	.0	Foggy	Clear	Clear
4	30.23	30.21	46	50	53	64	42	22	79	78	N	9	S W	3	132	15	.0	Clear	Clear	Clear
5	30.24	30.18	44	54	48	58	37	21	93	87	S E	3	S	6	96	6	.0	Cloudy	Partly Cl'dy	Cloudy
6	30.05	29.94	56	60	58	63	53	10	90	100	S	7	S W	4	114	9	.02	Cloudy	Cloudy	Cloudy
7	30.04	30.19	51	44	48	60	37	23	65	59	N	9	N	8	228	24	T	Cloudy	Clear	Partly Cl'dy
8	30.31	30.27	34	41	40	48	32	16	62	69	N E	18	N E	8	277	20	.0	Clear	Cloudy	Partly Cl'dy
9	30.21	30.01	38	45	41	48	34	14	74	54	N	18	N	19	403	30	.0	Cloudy	Partly Cl'dy	Cloudy
10	29.99	30.07	40	58	52	67	37	30	65	61	N	2	N	10	146	15	.0	Clear	Cloudy	Clear
11	30.38	30.35	35	46	41	49	33	16	54	58	N	6	S W	3	148	15	.0	Clear	Cloudy	Clear
12	30.11	30.01	52	59	54	62	47	15	100	83	S W	8	S W	15	313	36	.05	Misting	Clear	Cloudy
13	30.26	30.32	50	40	50	62	38	24	80	100	N E	15	N E	15	220	20	T	Cloudy	Misting	Cloudy
14	30.25	30.15	47	53	48	58	38	20	100	94	S W	11	S W	6	128	11	T	Foggy	Clear	Partly Cl'dy
15	30.09	30.03	53	58	58	67	50	17	100	90	S	8	S W	8	198	20	.01	Foggy	Clear	Partly Cl'dy
16	30.18	30.19	50	51	52	60	45	15	89	68	N	6	N	10	194	17	.0	Clear	Partly Cl'dy	Cloudy
17	30.25	30 28	43	46	46	51	40	11	70	79	N E	18	N E	12	297	20	.0	Clear	Cloudy	Partly Cl'dy
18	30.27	30.17	43	47	46	50	42	8	77	79	N	11	N	15	318	20	T	Cloudy	Cloudy	Cloudy
19	30.13	30.18	44	50	50	55	44	11	85	81	N	17	N	10	299	20	T	Cloudy	Clear	Partly Cl'dy
20	30.32	30.21	41	49	48	56	39	17	65	80	N	4	S W	6	125	11	.0	Clear	Clear	Clear
21	30.08	29.95	45	58	53	63	43	20	84	66	S W	3	S W	5	138	12	.0	Cloudy	Clear	Partly Cl'dy
22	29.79	29.44	50	54	54	62	47	15	80	100	S W	5	S W	13	274	40	.15	Partly Cl'dy	Light Rain	Clear
23	29.71	29.91	41	37	42	47	36	11	50	74	N	15	W	8	322	40	.02	Clear	Clear	Clear
24	29 76	29.66	47	46	45	54	36	18	53	75	S W	15	S W	10	352	32	.05	Cloudy	Light Rain	Cloudy
25	29.76	29.86	45	43	44	48	41	7	91	70	N	3	N	15	172	20	.06	Cloudy	Light Rain	Cloudy
26	29.65	29 59	41	36	38	42	34	8	96	95	N E	28	N	17	482	39	.34	Light Rain	Light Rain	Cloudy
27	29.59	29.55	35	38	38	41	34	7	100	93	N	12	N	2	251	23	T	Misting	Clear	Cloudy
28	29.73	30.14	35	32	34	39	29	10	67	69	W	20	N W	14	356	40	T	Clear	Clear	Cloudy
29	30.46	30.36	27	48	38	49	26	23	64	72	N	7	S	12	224	20	.0	Partly Cl'dy	Cloudy	Clear
30	30.29	30.09	40	27	42	50	35	15	87	91	S W	6	N W	5	196	18	.09	Partly Cl'dy	Light Snow	Partly Cl'dy
31	----	----	--	--	--	--	--	--	--	--	---------	--	---------	--	---	--	---	----------	----------	----------
Month Ave's.	30.11	30.07	44	48	47	55	38	16	79	79	N	10	S W	9	225	40	.79			

SUMMARY.

BAROMETER.

Monthly Mean, 30.09 inches.

Highest, 30.50 in.; Date, 1.

Lowest, 29.44 in.; Date, 22.

Monthly range, 1.06 inches.

TEMPERATURE.

Monthly Mean, 47 degrees.
Highest, 67 degrees; Date, 15.
Lowest, 26 degrees; Date, 29.
Absolute range, 41 degrees.
Greatest daily range, 30 degrees; Date, 10.
Least daily range, 7 deg.; Date, 27.
Mean daily range, 16 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 247 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 9 miles.
Max. velocity and direction, 34 N.; Date, 26.
Total monthly movement, 6,756 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 16.
*Greatest 24 hour precipitation. (in. and 100ths), 40; Date, 30.
Total monthly precipitation, (in. and 100ths), 79 in.
Total depth of snowfall (inches and 10ths), T in.
Dates of thunder storms, 0.
Accumulated deficiency of precipitation since Jan. 1st, 6.66 inches.

COMPAR. TEMP. (Mon. Mean.)				COM. RAINFALL. (Inches and 100ths.)	
1873---34 deg.	1888---43 deg.	1873---4.73	1888---4.73
1874---42 "	1889---44 "	1874---3.44	1889---7.78
1875---38 "	1890---42 "	1875---7.44	1890--- .67
1876---44 "	1891---41 "	1876---4.43	1891---2.22
1877---46 "	1892---40 "	1877---7.11	1892---5 46
1878---42 "	1893---41 "	1878---6.33	1893---3.56
1879---41 "	1894---44 "	1879---2.33	1894---4.23
1880---40 "	1895---44 "	1880-- 2.82	1895---4.84
1881---43 "	1896---46 "	1881- -4.18	1896---2.33
1882 --39 "	1897---42 "	1882 --1.31	1897---5.72
1883---42 "	1898---41 "	1883---1.56	1898---5.69
1884---41 "	1899---42 "	1884---2.24	1899---1.89
1885---42 "	1900---44 "	1885---3.49	1900---4.14
1886---43 "	1901---37 "	1886---3.83	1901---1.61
1887---40 "	1902---47 "	1887-- 2.85	1902--- .79

Monthly mean humidity, 79 per cent. Monthly mean dew point, 39. Number of clear days, 10. Number of fair days, 8. Number of cloudy days, 12.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVI. NO. 12.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
R. S. GOODWIN, M.D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF DECEMBER, 1902.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of December, 1902 and a Statement of the Births and Marriages for the Month of November, 1902.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in Nov.	Still Births in Nov.	Marriages in Nov.	Total Deaths in Dec.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	25	---	15	15	14.1	2	6	53.3	---	---	---	---	---	2	---	---	---	---	---	2	---	2	1	1	---	1	---	6
Branford,	5,706	14	1	3	8	16.8	1	---	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	2	2	1	2	---	---	1
Bridgeport,	70,996	131	12	87	117	19.6	26	6	27.3	---	---	---	1	---	3	2	---	3	---	---	---	2	8	18	5	15	6	3	51
Bristol,	9,643	20	1	8	13	16.1	5	1	46.1	---	---	---	---	---	---	---	---	---	---	---	---	1	---	1	---	2	1	---	8
Danbury,	19,474	27	2	16	26	16.0	2	2	15.3	---	---	---	---	---	2	---	---	---	---	---	---	---	4	4	1	3	4	1	7
Derby,	7,930	21	1	12	9	13.6	2	1	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	2	1	1	3
East Hartford,	6,406	18	---	7	8	14.9	2	---	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	---	---	3	---	2
Enfield,	6,699	15	---	15	11	19.7	1	1	18.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	2	---	3	---	4
Greenwich,	12,172	8	---	13	11	10.8	1	3	36.3	---	---	---	---	---	---	---	---	---	---	---	---	---	3	2	1	---	1	1	3
Groton,	5,962	16	---	8	4	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	1	---	---	2
Hartford,	79,850	152	2	81	136	18.0	14	20	24.8	---	5	2	---	1	1	3	2	---	---	---	---	---	9	24	8	13	19	8	41
Huntington,	5,572	12	1	2	6	12.9	2	1	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	1	3
Killingly,	6,835	6	3	9	7	12.2	1	---	14.2	---	---	---	---	---	---	---	---	1	---	---	---	---	---	2	---	1	1	1	1
Manchester,	10,601	21	1	21	16	18.1	6	1	43.7	---	---	---	---	---	1	---	---	---	---	---	---	---	3	2	1	1	4	---	4
Meriden,	28,695	59	---	30	48	20.0	6	7	27.0	---	---	---	6	---	1	1	---	---	1	---	---	---	3	7	1	8	1	2	17
Middletown,	17,486	15	---	14	30	13.0	3	2	16.6	---	---	---	---	---	1	---	---	---	---	---	---	---	4	5	---	6	5	1	8
Naugatuck,	10,541	22	1	9	17	19.3	3	1	23.5	---	---	3	---	---	1	---	---	---	---	---	---	---	4	1	1	1	2	1	3
New Britain,	28,202	61	1	33	32	13.6	9	10	59.3	---	---	---	---	1	4	---	---	---	---	---	---	4	1	9	---	---	4	3	6
New Haven,	108,027	245	8	92	149	15.8	27	13	26.8	---	---	---	1	---	2	2	1	2	1	---	---	---	14	19	10	17	18	9	53
New London,	17,548	29	---	22	32	21.8	6	1	21.8	---	---	---	1	---	---	---	---	---	---	---	---	---	4	2	1	2	3	2	17
Norwalk,	19,932	31	1	25	26	15.6	4	---	15.3	---	---	---	1	---	1	---	1	1	---	---	---	---	1	1	---	4	6	2	8
Norwich,	24,637	35	2	26	41	19.9	8	2	24.3	---	---	---	2	---	---	2	---	---	---	---	1	---	4	3	4	5	3	3	14
Orange,	6,995	10	---	3	9	15.4	---	2	22.2	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	1	1	1	5
Putnam,	7,348	16	---	7	11	17.9	2	---	18.1	---	---	---	---	---	1	1	---	---	---	---	---	---	3	---	---	1	---	2	3
Southington,	5,890	10	---	4	9	18.3	1	1	22.2	---	---	2	---	---	---	---	---	---	---	---	---	---	---	2	1	---	---	---	4
Stamford,	18,839	35	---	24	27	17.1	2	---	7.4	---	---	---	---	---	---	---	---	1	---	---	---	---	3	3	1	4	3	3	9
Stonington,	8,540	16	2	8	13	18.2	1	1	15.3	---	---	---	---	---	---	---	---	---	---	---	---	---	3	1	1	2	3	1	2
Thompson,	6,442	20	1	6	4	7.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	---	---	2
Torrington,	12,453	20	---	13	14	13.4	5	1	42.8	---	---	---	---	---	---	---	---	---	---	---	---	---	1	2	1	2	---	1	7
Vernon,	8,483	11	2	3	14	19.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	3	2	2	1	1	3
Wallingford,	9,001	15	1	4	10	13.3	2	1	30.0	---	---	2	---	---	1	---	---	---	---	---	---	---	---	---	1	2	2	---	2
Waterbury,	51,139	143	4	60	75	17.5	19	9	37.3	---	1	---	---	---	2	---	---	3	---	---	---	2	---	7	15	3	9	9	2	22
Winchester,	7,763	15	---	3	10	15.4	---	2	20.0	---	---	---	---	---	1	---	---	---	---	---	---	---	---	3	3	---	---	---	---	3
Windham,	10,137	20	---	3	21	24.8	2	---	9.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	1	2	---	3	---	13
Total of the 34 above towns,	668,616	1314	47	686	979	17.5	165	95	26.5	---	6	9	12	2	23	12	4	12	2	---	12	---	90	140	51	108	109	50	337
132 towns of less than 5,000 inhabitants,	238,387	347	18	147	319	16.0	51	16	21.0	---	1	4	---	1	12	5	---	1	1	1	2	---	16	41	19	48	39	6	122
Total reported from 166 towns,	907,003	1661	65	833	1298	17.1	216	111	25.1	---	7	13	12	3	35	17	4	13	3	1	14	---	106	181	70	156	148	56	459
Population of towns not reporting,	1,352																												

The Mortality in Public Institutions of the State were: in Bridgeport, 11; in Hartford, 47; in Middletown, 11; and in New Haven, 27. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in December; Andover, Avon, Beacon Falls, Bethany, Bridgewater, Brookfield, Burlington, East Granby, East Haven, Franklin, Goshen, Guilford, Hampton, Marlborough, Middlefield, Morris, New Fairfield, Newtown, Prospect, Rocky Hill, Salem, Saybrook, Southbury, Sterling, Union, Voluntown, Warren, Westbrook, Wethersfield, Wolcott—30.

The Registrars of the following towns have made no report for December: Columbia, Lisbon.

REMARKS.

By Mortality Reports received there were 1,298 deaths during the month of December. This was 215 more than in November, and 158 more than in December of last year, and 76 more than the average number of deaths in December for the five years preceding.

	1902	1901	1900	1899	1898	1897
January,	1172	1439	1367	1565	1153	1123
February,	1124	1381	1261	1192	1026	1142
March,	1239	1441	1691	1221	1272	1369
Total 1st quarter,	3535	4261	4319	3978	3451	3634
April,	1191	1253	1678	1169	1197	1212
May,	1100	1056	1230	1025	1138	1109
June,	1061	1022	1121	1048	984	978
Total 2d quarter,	3352	3331	4029	3242	3319	3299
July,	1394	1297	1583	1369	1225	1225
August,	1348	1310	1642	1382	1402	1237
September,	1166	1235	1270	1142	1351	1136
Total 3d quarter,	3908	3842	4495	3893	3978	3598
October,	1133	1062	1208	1036	1109	1097
November,	1083	1104	1097	980	1024	1053
December,	1298	1145	1129	1172	1227	1087
Total 4th quarter,	3514	3311	3434	3188	3360	3237
Total, 12 mos.	14,309	14,745	16,290	14,300	14,108	13,768

The death-rate was 17.5 for the large towns, for the small towns 16.0, and for the whole State 17.1.

The deaths reported from infectious diseases, including diarrhoeal, were 230, being 17.7 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Hartford, 1; Killingly, 3; New Britain (city), 1; Norwich (city), 2; (town,) 4; Plainfield, 4; Preston, 1; Putnam, 6; Sprague, 15; Willimantic (city), 1.—Total, 38 in 9 towns.

Measles.—Bridgeport, 3; Bridgewater, 2; Bristol, 1; Canton, 2; Chatham, 1; Colchester, 1; Danbury (city), 1; (town), 2; Darien, 1; Derby, 2; East Granby, 1; East Haddam, 1; East Hartford, 6; East Windsor, 2; Enfield, 2; Farmington, 5; Groton, 2; Killingly, 1; Lebanon, 1; Meriden (city), 1; Middletown, 1; Naugatuck, 2; New Haven, 3; Newington, 1; New London, 1; North Haven, 2; Norwalk (city), 1; (town), 1; Norwich (city), 20+; Plainfield, 1; Plymouth, 2; Ridgefield, 1; Simsbury, 1; South Norwalk (city), 11; South Windsor, 5; Stamford (city), 1; Waterbury, 51; West Hartford, 2; West Haven (borough), 2; Wethersfield, 2.—Total, 149+ in 37 towns.

Scarlet Fever.—Ansonia, 1; Beacon Falls, 6; Berlin, 1; Bridgeport, 13; Bristol, 3; Canaan, 4; Canton, 1; Derby, 1; East Hartford, 2; Enfield, 3; Glastonbury, 4; Greenwich, 1; Groton, 5; Hebron, 1; Huntington, 1; Kent, 2; Killingly, 1; Meriden (city), 3; Middletown, 1; Milford, 1; Naugatuck, 21; New Britain (city), 10; (town), 2; New Hartford, 1; New Haven, 13; Newington, 1; New London, 1; Norwalk (city), 1; (town), 3; Norwich (city), 2; (town), 4; Plainfield, 2; Plainville, 4; Pomfret, 1; Portland, 1; Seymour, 1; Sherman, 2; Somers, 1; Southington, 12; South Windsor, 1; Stamford, 1; Torrington, 1; Wallingford, 7; Waterbury, 7; Watertown, 2; West Hartford, 3; West Haven (borough), 4; Weston, 1; Westport, 1; Winchester, 5; Windham, 3; Windsor Locks, 1; Winsted (borough), 5.—Total, 180 in 49 towns.

Cerebro-Spinal Fever.—New London, 1.

Diphtheria and Croup.—Ansonia, 5; Barkhamsted, 2; Bethany, 1; Bridgeport, 27; Danbury (city), 4; Derby, 1; East Windsor, 6; Harwinton, 1; Hebron, 1; Jewett City (borough), 1; Manchester, 1; Meriden (city), 5; Middletown (city and town), 2; Naugatuck, 5; New Britain (city), 13; New Hartford, 3; New Haven, 15; New London, 2; Norwalk (city), 3; (town), 1; Norwich (city), 3; Redding, 3; Rockville (city), 7; Seymour, 3; Southington, 1; South Norwalk (city), 4; Stamford (city), 3; Stratford, 12; Thomaston, 1; Torrington (town and borough), 4; Trumbull, 5; Wallingford, 2; Waterbury, 5; West Haven (borough), 2; Willimantic (city), 2; Wilton, 2; Winsted (borough), 1.—Total, 159 in 35 towns.

Whooping Cough.—Bridgeport, 2; East Haddam, (several cases); Essex, 25+; Fairfield, 1; Lyme, (epidemic); Manchester, (cases); Meriden (city), 5; Newington, 5; North Branford, (several cases); North Stonington, 5+; Norwich (city), 500+; Putnam, 4; Saybrook, 2; Sharon, (epidemic); Southington, 16; Waterbury, 8; Wethersfield, 15; Woodstock, 6. Total, 594+ in 18 towns.

Typhoid Fever.—Ansonia, 2; Berlin, 1; Bethel, 1; Bristol, 1; Danbury (city), 2; Darien, 1; East Hartford, 1; East Haven, 1; Enfield, 1; Killingly, 1; Naugatuck, 2; New Haven, 10; New London, 1; Norwalk (city), 3; (town), 1; Norwich (city), 2+; Plainfield, 2; Plymouth, 3; South Norwalk (city), 1; Stafford Springs (borough), 1; Thomaston, 3; Waterbury, 3.—Total, 44+ in 20 towns.

Consumption.—Branford, 1; Bridgeport, 4; Colchester, 1; Fairfield, 2; Huntington, 1; Mansfield, 1; Naugatuck, 2; Norwalk (city), 1; Stratford, 1.—Total, 14 in 9 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Bethlehem, Bloomfield, Bolton, Bozrah, Brookfield, Brooklyn, Burlington, Canterbury, Chaplin, Cheshire, Chester, Clinton, Colebrook, Columbia, Cornwall, Coventry, Cromwell, Danielson (borough), Durham, East Lyme, Easton, Ellington, Franklin, Goshen, Granby, Griswold, Guilford, Hamden, Hampton, Hartland, Killingworth, Ledyard, Lisbon, Litchfield (town and borough), Madison, Marlborough, Meriden, Middlebury, Monroe, Montville, Morris, New Canaan, New Milford, Norfolk, North Canaan, Old Lyme, Orange, Oxford, Prospect, Ridgefield (borough), Rocky Hill, Roxbury, Salem, Salisbury, Scotland, Southbury, Stafford, Sterling, Stonington (town and borough), Thompson, Tolland, Union, Vernon, Voluntown, Warren, Waterford, Westbrook, Willington, Windsor, Wolcott, Woodbridge, Woodbury.—Total, 75.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population.

Measles.—Plainfield, 1.

Scarlet Fever.—Canaan, 1; Plainfield, 2; Seymour, 1.—Total, 4.

Cerebro-Spinal Fever.—Ledyard, 1.

Diphtheria and Croup.—East Windsor, 3; Hebron, 1; Roxbury, 1; Stratford, 5; Trumbull, 1; Wilton, 1.—Total, 12.

Whooping Cough.—East Lyme, 1; Sharon, 3; West Hartford, 1.—Total, 5.

Typhoid Fever.—Plymouth, 1.

Consumption.—Ashford, 1; Bethel, 1; East Lyme, 1; Haddam, 3; Litchfield, 1; Mansfield, 1; Seymour, 1; Sharon, 1; Sherman, 1; South Windsor, 1; Stratford, 2; Trumbull, 1; Washington, 1.—Total, 16.

All the Health Officers of New Haven and Tolland Counties have reported. But the Health Officers of the following towns have not reported:

HARTFORD CO.—Hartford, Suffield.

NEW LONDON CO.—Preston, Sprague.

FAIRFIELD CO.—New Fairfield, Newtown, Shelton (borough).

WINDHAM CO.—Eastford.

LITCHFIELD CO.—Washington.

MIDDLESEX CO.—Haddam, Middlefield, Old Saybrook.

The total deaths for the calendar year 1902, as certified by the Registrars of the 168 towns in the State, was 14,376;* this was 480 less than in 1901, and 1,992 less than in the year 1900, also 330 less than the average of the previous 10 years. When it is remembered that three of the most contagious and often the most fatal diseases, to wit, measles, scarlet fever and diphtheria, have each occurred in more than 100 of the 168 towns in the State, and that small pox has been present in about one-fifth of the towns in Connecticut during the year, it is remarkable that the number of deaths has diminished rather than increased.

There are two facts which, taken together, satisfactorily explain this unexpected condition. One is that all these maladies have appeared in an exceptionally mild type. The other is, that although these diseases are epidemic in character, the vigilance and intelligent supervision of the local Health Officers, and the willing coöperation of citizens, have kept them under better control than ever before. It is only a just tribute to the town Health Officers of Connecticut to assert that under their judicious and well directed efforts, they have saved hundreds of lives, during the year.

An epidemic of whooping cough is reported in Norwich, where more than 500 cases are going on at present. If prompt notification of the first cases of this disorder could be obtained, there need be no such prevalence of it. A strange popular error seems to exist that whooping cough is not a dangerous disease, notwithstanding the fact is constantly published that it causes more deaths than either measles or scarlet fever.

The birth returns for December are not due at this office until after the Bulletin goes to press. Hence the following statement applies only to eleven months for 1902, compared with the corresponding months in 1901:

Births from January to November, inclusive, in 1902,	19,131
" " " " 1901,	18,596
	535

Showing an increase of births in 1902 over those of 1901, by 535. Connecticut is not only saving the lives of its citizens, but increasing its birth-rate.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and Superintendent of Vital Statistics.

NEW HAVEN, January 15, 1903.

* In the above mortality table, 14,300 is given as the total deaths in the year. In the remarks 14,376 is the number given. The difference of 67 represents the negligence of registrars and doctors in not reporting in time for the Monthly Bulletin.

METEOROLOGICAL REPORT FOR THE MONTH OF DECEMBER, 1902.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date	Barometer.†		Temperature.‡						Relative Humidity.‖		Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.96	29.95	31	36	37	44	30	14	68	68	N	7	W	6	205	15	.33	Clear	Clear	Clear
2	29.95	29.90	33	41	42	52	32	20	75	73	S E	7	E	2	114	12	.0	Clear	Clear	Clear
3	29.56	29.62	41	47	44	49	40	9	84	96	N	5	S W	16	266	27	.46	Cloudy	Clear	Cloudy
4	29.91	29.88	38	36	42	49	35	14	66	73	N W	7	N	15	278	30	.0	Clear	Cloudy	Clear
5	29.37	29.92	29	20	24	35	14	21	88	79	N	15	N W	12	463	40	.33	Light Snow	Clear	Cloudy
6	30.28	30.41	13	19	18	26	10	16	57	63	N W	6	N W	7	150	18	.0	Clear	Clear	Clear
7	30.30	29.93	19	32	24	36	13	23	75	54	N	5	W	4	139	17	.15	Light Snow	Clear	Cloudy
8	29.94	30.10	23	17	19	32	6	26	59	50	N W	4	W	12	302	40	.0	Clear	Clear	Clear
9	30.41	30.48	−4	4	2	9	−5	14	52	66	N W	9	W	7	211	17	.0	Clear	Clear	Clear
10	30.29	30.00	16	34	18	36	1	35	69	62	W	1	S W	18	330	38	T	Cloudy	Cloudy	Cloudy
11	30.21	30.14	35	24	30	36	23	13	71	94	N W	3	N E	15	231	20	.14	Cloudy	Light Snow	Cloudy
12	30.21	30.34	21	24	22	26	18	8	71	73	N	12	N E	15	392	32	.08	Cloudy	Cloudy	Cloudy
13	30.20	30.02	16	14	16	19	14	5	79	100	N	27	N	33	661	40	.39	Light Snow	Light Snow	Cloudy
14	30.40	30.63	18	15	19	25	13	12	84	64	N	15	N W	6	335	40	.05	Cloudy	Clear	Clear
15	30.70	30.68	14	26	20	28	12	16	89	56	N	10	N	13	262	22	.0	Cloudy	Cloudy	Partly Cl'dy
16	30.28	29.83	42	50	40	52	28	24	100	100	S E	20	S W	5	350	31	1.46	Light Snow	Light Rain	Cloudy
17	29.84	29 88	36	35	36	43	30	13	60	63	W	22	S W	7	293	30	.42	Clear	Partly Cl'dy	Clear
18	29.76	29.87	31	35	34	39	29	10	78	54	S W	9	N W	12	261	22	.0	Clear	Clear	Clear
19	29.98	29.92	32	45	39	48	30	18	65	44	S W	12	W	10	229	22	.0	Clear	Clear	Clear
20	30.25	30.45	35	34	36	42	31	11	77	51	N W	2	N	12	188	16	.0	Partly Cl'dy	Cloudy	Partly Cl'dy
21	30.46	29.97	30	44	40	50	30	20	77	96	N E	15	N E	5	297	26	.58	Cloudy	Cloudy	Cloudy
22	29.88	29.92	46	42	47	53	41	12	79	73	S W	8	N W	10	218	28	1.54	Partly Cl'dy	Cloudy	Partly Cl'dy
23	30.06	30.29	29	22	30	41	19	22	66	56	N	15	N	14	400	30	.0	Clear	Clear	Clear
24	30.34	30.22	13	23	20	28	13	15	57	66	N	9	N	7	224	19	.0	Clear	Clear	Clear
25	29.98	29.80	25	28	26	30	22	8	86	94	N	15	N	10	286	21	.32	Light Snow	Cloudy	Cloudy
26	29.78	29.80	28	26	28	31	24	7	76	87	N W	4	N W	4	123	8	.03	Light Snow	Cloudy	Cloudy
27	29.89	29.87	20	22	24	30	19	11	67	71	N W	8	W	5	154	10	.03	Clear	Clear	Clear
28	30.01	30.18	15	26	20	28	13	15	82	68	W	3	S W	12	163	18	.0	Clear	Clear	Clear
29	30.29	30.05	17	38	28	39	16	23	70	100	S W	1	S W	12	217	39	.15	Clear	Light Rain	Partly Cl'dy
30	30.08	30.22	34	34	36	41	30	11	81	62	N W	5	W	7	139	17	.03	Partly Cl'dy	Clear	Clear
31	30.35	30.32	25	32	31	38	24	14	68	59	N	6	S W	6	135	14	.0	Clear	Clear	Clear
Month Ave's.	30.09	30.08	26	30	29	37	21	16	73	72	N	10	N	10	259	40	6.49			

SUMMARY.

Barometer.

Monthly Mean, 30.08 inches.

Highest, 30.70 in.; Date, 15.

Lowest, 29.37 in.; Date, 5.

Monthly range, 1.33 inches.

Temperature.

Monthly Mean, 29 degrees.
Highest, 53 degrees; Date, 22.
Lowest, −5 degrees; Date, 9.
Absolute range, 58 degrees.
Greatest daily range, 35 degrees; Date, 10.
Least daily range, 5 deg.; Date, 13.
Mean daily range, 16 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 141 degrees.

Wind.

Prevailing direction, N.
Mean hourly velocity, 11 miles.
Max. velocity and direction, 38 N.; Date, 18.
Total monthly movement, 8,016 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 18.
*Greatest 24 hour precipitation, (in. and 100ths), 2.12; Date, 21 and 22.
Total monthly precipitation, (in. and 100ths), 6.49 in.
Total depth of snowfall (inches and 10ths), 17 in.
Dates of thunder storms, 0.
Accumulated deficiency of precipitation since Jan. 1st, 3.58 inches.

Compar. Temp. (Mon. Mean.)		Com. Rainfall. (Inches and 100ths.)	
1873---33 deg.	1888---33 deg.	1873---4.41	1888---5.68
1874---33 "	1889---39 "	1874---2.85	1889---2.62
1875---33 "	1890---27 "	1875---1.39	1890---2.90
1876---26 "	1891---39 "	1876---2.38	1891---3.74
1877---38 "	1892---28 "	1877---1.40	1892---1.72
1878---34 "	1893---31 "	1878---5.50	1893---3.22
1879---35 "	1894---32 "	1879---4.41	1894---3.33
1880---28 "	1895---35 "	1880---3.49	1895---1.91
1881---38 "	1896---29 "	1881- -4.75	1896---9.40
1882 --30 "	1897---34 "	1882---2.99	1897---5.61
1883---30 "	1898---31 "	1883---3.85	1898---2.11
1884---32 "	1899---34 "	1884---6.41	1899---1.56
1885---33 "	1900---33 "	1885---3.31	1900---2.14
1886---28 "	1901---31 "	1886---3.47	1901---7.65
1887---32 "	1902---29 "	1887-- 3.09	1902---6.49

Monthly mean humidity, 72 per cent. Monthly mean dew point, 21. Number of clear days, 16. Number of fair days, 4. Number of cloudy days, 11.

Notes.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVII. NO. 1.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
R. S. GOODWIN, M.D., THOMASTON.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JANUARY, 1903.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of January, 1903 and a Statement of the Births and Marriages for the Month of December, 1902.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in Dec., '02.	Still Births in Dec., '02.	Marriages in Dec., '02.	Total Deaths in Jan.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	37	----	4	20	18.8	6	----	30.0	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	1	3	2	2	9
Branford,	5,706	13	----	0	4	8.4	----	1	25.0	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	----	----	----	----	2
Bridgeport,	70,996	171	10	46	95	15.7	19	10	30.5	----	----	1	1	----	3	3	----	----	1	----	----	----	7	15	----	9	10	6	39
Bristol,	9,643	23	3	7	13	16.1	2	2	30.7	----	----	----	1	----	----	----	----	1	----	----	----	----	2	3	1	1	2	----	2
Danbury,	19,474	21	3	8	33	20.3	3	1	12.1	----	----	1	----	----	----	----	----	2	----	----	----	1	4	6	----	7	4	1	7
Derby,	7,930	15	1	5	11	16.6	2	3	45.4	----	1	1	----	----	----	----	----	----	----	----	----	----	1	1	1	2	1	1	2
East Hartford,	6,406	19	----	----	18	33.7	1	2	16.6	----	1	----	1	----	1	1	1	----	----	----	----	----	2	2	1	1	3	----	4
Enfield,	6,699	11	----	5	11	19.6	1	----	9.0	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	1	1	1	5
Greenwich,	12,172	17	1	1	22	21.6	7	2	40.9	----	----	----	----	----	----	1	----	----	----	----	----	----	1	2	3	2	2	1	10
Groton,	5,962	11	----	7	12	24.1	2	----	16.6	----	----	----	----	----	1	1	----	----	----	----	----	----	----	2	1	2	2	1	2
Hartford,	79,850	155	7	37	158	21.3	23	29	32.9	----	13	1	1	----	7	7	2	2	----	1	----	----	14	26	2	18	9	8	47
Huntington,	5,572	19	1	6	7	15.1	3	1	57.1	----	----	----	1	----	----	----	----	----	----	----	----	----	----	3	----	----	----	1	2
Killingly,	6,835	12	2	----	8	14.0	2	1	37.5	----	----	----	----	----	----	----	----	1	----	----	----	----	1	----	----	1	1	----	4
Manchester,	10,601	16	2	5	14	15.8	2	1	21.4	----	----	----	----	----	1	----	----	----	----	----	----	----	3	2	----	1	2	----	5
Meriden,	28,695	63	2	13	45	18.8	9	3	26.6	----	----	----	4	----	2	2	----	----	1	----	----	----	3	5	1	6	3	2	16
Middletown,	17,486	22	2	7	42	24.0	6	2	19.0	----	----	----	4	----	----	----	----	1	----	----	----	----	3	11	1	6	6	1	10
Naugatuck,	10,541	29	----	7	20	22.7	1	4	25.0	----	----	1	1	----	1	----	----	1	----	----	----	----	2	5	----	1	2	1	5
New Britain,	28,202	82	4	15	42	17.8	10	5	35.7	----	----	----	2	----	----	1	----	1	----	----	----	----	2	5	2	7	5	1	16
New Haven,	108,027	238	9	64	157	16.6	23	14	23.5	----	----	----	1	----	1	1	----	1	1	----	----	1	21	25	11	14	13	10	57
New London,	17,548	33	3	20	27	18.4	6	3	33.3	----	----	----	----	----	1	----	----	----	----	----	----	----	1	2	2	2	3	2	14
Norwalk,	19,932	34	2	9	26	15.6	1	3	15.3	----	----	----	4	----	3	----	----	----	----	----	----	1	2	1	----	3	1	3	8
Norwich,	24,637	46	4	15	46	22.4	12	7	41.3	----	2	----	1	----	2	3	----	1	----	1	----	----	----	6	4	5	1	----	20
Orange,	6,995	9	----	6	9	15.4	2	----	22.2	----	----	----	----	----	----	1	----	----	----	----	----	----	----	3	2	2	1	----	----
Putnam,	7,348	12	1	8	15	24.4	4	----	26.6	----	----	----	----	----	----	----	----	----	----	1	----	----	1	4	----	3	1	----	5
Southington,	5,890	6	1	5	3	6.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	1	----	----
Stamford,	18,839	46	6	10	46	29.3	6	3	19.5	----	----	----	3	----	3	----	----	1	----	----	----	----	3	9	2	8	2	1	14
Stonington,	8,540	16	----	7	18	25.2	3	3	33.3	----	2	----	----	----	----	----	----	----	----	----	1	----	1	4	----	2	2	1	5
Thompson,	6,442	11	----	5	14	26.0	6	2	57.1	----	----	----	1	----	----	----	----	----	----	----	1	----	----	1	2	----	2	----	7
Torrington,	12,453	36	1	12	15	14.4	2	----	13.3	----	----	----	----	----	1	----	----	----	----	----	----	----	2	2	----	3	3	1	3
Vernon,	8,483	15	1	7	8	11.3	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	----	----	1	2	----	3
Wallingford,	9,001	19	1	6	11	14.6	1	1	18.1	----	----	----	1	----	1	----	----	----	----	----	----	----	----	2	1	5	----	----	1
Waterbury,	51,139	122	7	35	72	16.8	12	10	30.5	----	3	----	1	----	3	----	----	2	----	----	2	----	7	8	8	9	5	3	21
Winchester,	7,763	12		7	5	7.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	3
Windham,	10,137	16	1	5	22	26.0	6	2	36.3	----	----	----	2	----	----	----	----	----	----	----	2	----	3	2	1	1	2	2	7
Total of the 34 above towns,	668,616	1407	75	394	1069	19.1	183	115	27.8	----	22	5	31	----	31	21	3	13	3	4	6	3	92	160	48	128	94	50	355
134 towns of less than 5,000 inhabitants,	239,739	328	15	93	349	17.4	32	13	12.8	----	1	4	20	----	2	2	----	1	----	----	1	----	24	46	14	50	56	17	111
Total reported from 168 towns,	908,355	1735	90	487	1418	18.7	215	128	24.1	----	23	9	51	----	33	23	3	14	3	4	7	3	116	206	62	178	150	67	466

The Mortality in Public Institutions of the State were: in Bridgeport, 7; in Hartford, 21; in Middletown, 8; and in New Haven, 33. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in January; Beacon Falls, Bethany, Bethlehem, Bozrah, Canterbury, Chaplin, Chatham, Coventry, Durham, Eastford, Ellington, Montville, Morris, New Fairfield, Prospect, Voluntown, Washington, Willington, Woodbridge—19.

REMARKS.

By Mortality Reports received there were 1,418 deaths during the month of January. This was 120 more than in December, and 246 more than in January of last year, and 78 more than the average number of deaths in January for the five years preceding.

	1903	1902	1901	1900	1899	1898
January,	1418	1172	1439	1367	1565	1153

The death-rate was 19.1 for the large towns, for the small towns 17.4, and for the whole State 18.7.

The deaths reported from infectious diseases, including diarrhoeal, were 289, being 20.3 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Franklin, 1; Montville, 3; New London, 1; Plainfield, 1; Preston, 1; Putnam, 3; Sprague, 52; Thompson, 11.—Total, 73 in 8 towns.

Measles.—Berlin (few cases); Bridgeport, 1; Bristol, 3; Canterbury, 13; Chaplin, 1; Chatham, 1; Cheshire, 36; Cornwall, 2; Cromwell, 1; Danielson (borough), 1; Derby, 3; East Haddam, 2; East Hartford, 9; East Windsor, 3; Ellington, 1; Enfield, 15; Fairfield, 1; Farmington, 18; Granby, 12; Greenwich, 4; Groton, 24; Hartford, 290; Jewett City (borough), 25; Lebanon, 3; Ledyard, 3; Litchfield, (town and borough), 5+; Manchester, 1; Mansfield, 1; Middlebury, 1; Middletown (town and city), 10; Naugatuck, 4; New Britain (city), 6; New London, 2; Norfolk, 4; North Stonington, 1; Norwalk, 2; Norwich (city), 10+; Oxford, 4; Plainfield, 24 (epidemic); Plainville, 7; Plymouth, 9; Prospect, 4; Putnam, 1; Rockville (city), 4; Rocky Hill, 1; Scotland, 1; Simsbury, 30; Somers, 2; South Norwalk (city), 20; South Windsor, 30+; Stamford (city), 6; Stonington, 23; Suffield, 3; Torrington (town and borough), 3; Waterbury, 76; Watertown, 3; Westbrook, 1; West Hartford, 12 (epidemic); West Haven (borough), 6; Wethersfield, 3; Windsor, 30.—Total, 822+ in 60 towns.

Scarlet Fever.—Beacon Falls, 2; Branford, 3; Bridgeport, 23; Bristol, 1; Canton, 2; Chaplin, 1; Cornwall 4; Danbury (city), 2; Danbury (town), 1; Derby, 3; East Hartford, 3; East Haven, 2; Enfield, 2; Fairfield, 2; Farmington, 1; Glastonbury, 4; Greenwich, 4; Griswold, 1; Hartford, 28; Huntington, 4; Lebanon, 1; Ledyard, 1; Meriden (city), 2; Naugatuck, 30; New Britain (city), 15; New Britain (town), 3; New Hartford, 1; New Haven, 16; Newington, 1; New London, 1; New Milford, 2; North Haven, 1; Norwalk (city), 1; Norwich (city), 2; Plainville, 6; Rockville (city), 2; Salisbury, 1; Seymour, 1; Shelton (borough), 1; Simsbury, 1; Southington, 8; South Windsor, 8; Stamford (city), 2; Stonington, 4; Stonington (borough), 2; Stratford, 4; Torrington (town and borough), 6; Wallingford, 5; Waterbury, 11; Watertown, 2; West Hartford, 3; West Haven (borough) 2; Westport, 2; Windham, 1; Windsor, 1; Winsted (borough), 2; Woodbury, 1.—Total, 246 in 53 towns.

Diphtheria and Croup.—Ansonia, 2; Bethany, 3; Branford, 1; Bridgeport, 20; Bristol, 1; Danbury (city), 1; (town), 1; Darien, 1; East Hartford, 2; Enfield, 2; Farmington, 1; Greenwich, 2; Groton, 2; Hartford, 21; Meriden (city), 1; Middletown, 1; Monroe, 2; Naugatuck, 2; New Britain (city), 8; (town), 1; New Hartford, 1; New Haven, 13; New London, 1; Newtown, 3; North Haven, 1; Norwalk (city), 9; Norwich (city), 5; (town), 1; Plainfield, 1; Rockville (city), 3; Shelton (borough), 3; Southbury, 1; South Norwalk (city), 3; Stamford (city), 6; Stonington, 1; Stratford, 2; Torrington (town and borough), 4; Trumbull, 1; Wallingford, 8; Waterbury, 16; West Haven (borough), 1; Winchester, 3.—Total, 161 in 38 towns.

Whooping Cough.—Andover, 1; Bridgeport, 1; Bristol, 12; Cornwall, 6; East Haddam, 6; Greenwich, 6; Groton, 1; Hartford, 14; Lebanon (epidemic); Lyme (epidemic declining); Mansfield, 15; Meriden (city), 3 (epidemic); Meriden (town), 7; Newington, 8; North Branford (a few cases); North Canaan, 10; Norwich (city) (many); Old Lyme, 20+; Old Saybrook, 2; Plainfield, 3; Plainville, 4; Plymouth, 5; Putnam, 3; Saybrook, 6 (epidemic); Southington, 20 (epidemic); South Norwalk (city) (numerous); Sprague, 3; Wethersfield, 5; Willimantic (city), 4; Willington, 15; Windsor, 1; Winsted (borough), 1; Woodstock, 30+.—Total, 212+ in 32 towns.

Typhoid Fever.—Bethel, 2; Bridgeport, 3; Canton, 1; Danbury (city), 2; Ellington, 1; Hartford, 2; Milford, 1; New Haven, 3; Norwalk (city), 1; (town), 1; Norwich (city), 2; Plainville, 2; Plymouth, 1; Pomfret, 1; Shelton (borough), 1; Sprague, 8; Stamford (city), 2; Waterbury, 3; Willimantic (city), 1.—Total, 38 in 18 towns.

Consumption.—Bolton, 1; Bridgeport, 3; East Haddam, 2; Ellington, 1; Milford, 1; Naugatuck, 1; Old Lyme, 1; Plainfield, 2; Shelton (borough), 1; Simsbury, 1; Stratford, 1; Willimantic (city), 4.—Total, 19 in 12 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Ashford, Avon, Barkhamsted, Bethlehem, Bloomfield, Bozrah, Bridgewater, Brookfield, Burlington, Canaan, Chester, Clinton, Colchester, Colebrook, Columbia, Coventry, Durham, Eastford, East Granby, East Lyme, Easton, Goshen, Guilford, Hamden, Hampton, Hartland, Harwinton, Hebron, Kent, Killingly, Killingworth, Lisbon, Madison, Marlborough, Morris, New Canaan, New Fairfield, Orange, Portland, Redding, Roxbury, Salem, Sharon, Sherman, Stafford, Stamford, Sterling, Thomaston, Union, Vernon, Voluntown, Warren, Waterford, Weston, Wilton, Wolcott, Woodbridge.—Total, 57.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population.

Measles.—Farmington, 1.

Scarlet Fever.—Hebron, 1; Kent, 1; Plainville, 1; Stratford, 1.—Total, 4.

La Grippe.—Colchester, 1; East Haddam, 2; Essex, 1; Farmington, 1; Franklin, 1; Lebanon, 1; Mansfield, 3; Monroe, 1; Old Saybrook, 1; Preston, 1; South Windsor, 1; Thomaston, 2; Watertown, 1; Wethersfield, 1; Windsor Locks, 1; Wolcott, 1.—Total, 20.

Diphtheria and Croup.—Southbury, 1; Stratford, 1.—Total, 2.

Whooping Cough.—Essex, 1; West Hartford, 1.—Total, 2.

Typhoid Fever.—Ridgefield, 1.

Consumption.—Bolton, 1; Canton, 1; Chester, 1; Colchester, 1; Darien, 1; East Granby, 1; East Haddam, 2; Glastonbury, 1; Guilford, 1; Lisbon, 1; Mansfield, 1; Milford, 1; Portland, 1; Ridgefield, 3; Southbury, 1; Sprague, 1; Suffield, 1; Tolland, 1; West Hartford, 1; Weston, 1; Woodbury, 1.—Total, 24.

All the Health Officers of New Haven and New London Counties have reported. But the Health Officers of the following towns have not reported:

Hartford Co.—Windsor Locks.

Fairfield Co.—Ridgefield (town and borough).

Windham Co.—Brooklyn.

Litchfield Co.—Washington.

Middlesex Co.—Haddam, Essex, Middlefield.

Tolland Co.—Tolland, Stafford Springs (borough).

The prevalence of measles and scarlet fever seems unabated. Measles appeared in 60 different towns, in which 822 cases were reported, but in some of the towns it was stated to be epidemic without giving the number of cases. Without doubt there were more than 1,000 cases in the state.

Scarlet fever was present in 53 towns in which 246 cases were reported, and several epidemics of whooping cough were reported.

Of these three diseases it would be a fair estimate to say that there were not less than 2,500 cases. There were only 55 deaths, which is but little more than two per cent. It is remarkable that in New Haven only one death from whooping cough and none from either measles or scarlet fever, was reported.

The mild type of these disorders and the universal disregard of the law requiring householders to report all cases, is the explanation of this widespread prevalence. A systematic inspection of the public and private schools would do much to limit it.

Pneumonia claimed 206 victims. Probably many of them were secondary to La Grippe.

A BACTERIOLOGICAL LABORATORY.

The State Board of Health has submitted to the legislature, now in session, a bill for the establishment of a laboratory of hygiene.

Briefly stated, the purpose is to provide for the gratuitous examination of morbid specimens, by an expert bacteriologist, in a well-equipped laboratory, in cases of suspected infectious disease. It is of the highest value, when a prompt and decisive diagnosis is of importance to the public health, and when the symptoms are not sufficient to determine the question.

From a sanitary standpoint no more important question can claim the attention of the legislature at the present time. The Board have submitted this bill in full confidence that it will meet the approval of the medical profession throughout the state. It is a want which is daily experienced in every town where typhoid fever, diphtheria, tuberculosis or malaria prevails.

Every practitioner from time to time meets with cases of these maladies which puzzle him. The symptoms are not pronounced enough to determine the nature of the disorder. He is like a traveller who having come to a fork in the road does not know which branch of the fork will take him to his destination. In the case of the doctor there is no guide but the bacteriologist. If the disease prove infectious delay is dangerous and not only the patient but the public welfare is concerned.

Bacteriology has been one of the largest contributors to sanitary science in recent times. Its revelations as to the causes of disease have been more helpful in reducing the death-rate than any other one thing. It is expected that every physician who has the public interest in mind will use his influence to promote the passage of this bill.

It is not an untried experiment, but in the many cities and states in which it is in operation its results demonstrate its usefulness.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and Superintendent of Vital Statistics.

New Haven, February 15, 1903.

METEOROLOGICAL REPORT FOR THE MONTH OF JANUARY, 1903.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.25	30.22	26	35	35	45	25	20	61	67	S W	8	W	3	123	12	.0	Clear	Clear	Clear
2	30.24	30.13	32	40	38	49	27	22	79	70	N W	7	S W	2	90	10	T	Clear	Sleeting	Clear
3	29.56	29.57	36	39	38	41	35	6	87	97	N	20	S W	9	230	30	.70	Cloudy	Cloudy	Cloudy
4	29.72	29.62	37	35	39	43	37	4	83	83	N W	4	N W	6	145	19	T	Cloudy	Light Snow	Cloudy
5	29.81	29.84	30	39	36	42	30	12	73	75	W	6	S	6	174	15	T	Clear	Cloudy	Clear
6	29.64	29.56	35	28	30	35	24	11	100	53	S W	4	N	12	168	20	.15	Misting	Partly Cl'dy	Cloudy
7	29.66	29.30	24	35	30	38	22	16	73	86	N	8	S W	20	232	30	.01	Cloudy	Cloudy	Cloudy
8	29.23	29.42	30	22	28	37	20	17	73	58	W	7	N W	6	222	21	T	Cloudy	Clear	Partly Cl'dy
9	29.67	29.72	13	19	17	21	13	8	65	56	N W	12	N W	16	361	25	.0	Clear	Clear	Clear
10	29.97	30.16	18	21	22	26	17	9	74	56	N W	12	N W	8	269	24	.0	Clear	Clear	Clear
11	30.21	29.35	18	46	32	48	15	33	74	100	N W	1	W	20	218	30	.78	Cloudy	Light Rain	Cloudy
12	29.69	29.92	25	17	28	43	12	31	68	50	N	25	N	12	511	40	T	Clear	Clear	Clear
13	30.12	30.24	11	18	17	24	10	14	66	52	N	15	N	12	328	25	.0	Clear	Clear	Clear
14	30.33	30.17	14	23	19	25	13	12	66	59	N	8	N	12	164	12	.0	Clear	Partly Cl'dy	Clear
15	29.88	29.86	27	34	29	36	22	14	76	71	W	18	N W	10	255	25	.0	Cloudy	Clear	Partly Cl'dy
16	29.96	29.96	35	36	38	43	33	10	72	60	N W	6	W	7	215	30	.0	Cloudy	Clear	Partly Cl'dy
17	29.69	29.56	36	39	40	47	33	14	64	76	W	9	N W	11	263	18	.0	Clear	Clear	Clear
18	29.90	30.20	21	13	25	39	11	28	63	50	N	15	N	9	363	30	T	Clear	Clear	Clear
19	30.52	30.63	5	12	10	17	4	13	47	56	N	8	N	4	194	24	.0	Clear	Clear	Clear
20	30.63	30.42	7	35	20	35	5	30	51	79	N	10	S E	6	160	12	.0	Clear	Cloudy	Partly Cl'dy
21	29.61	29.64	46	40	42	49	35	14	93	87	S	36	N	9	320	45	.73	Light Rain	Clear	Cloudy
22	29.90	29.99	34	36	37	42	32	10	76	64	N	6	N	10	166	16	.0	Clear	Clear	Clear
23	29.99	30.26	30	22	26	41	12	29	67	43	N W	10	N	8	265	27	.0	Clear	Clear	Clear
24	30.49	30.40	9	17	13	18	8	10	59	50	N	22	E	10	311	30	.0	Cloudy	Cloudy	Clear
25	30.22	30.28	15	20	18	21	15	6	96	55	E	24	N E	17	461	30	.32	Light Snow	Cloudy	Cloudy
26	30.41	30.49	20	26	22	27	18	9	76	76	E	12	E	3	192	20	.01	Light Snow	Cloudy	Partly Cl'dy
27	30.41	30.25	28	37	32	37	26	11	76	87	N W	6	W	7	155	17	.0	Cloudy	Cloudy	Cloudy
28	30.05	29.98	36	43	41	47	35	12	100	92	W	2	N E	7	79	11	.14	Lgiht Rain	Clear	Cloudy
29	29.99	29.79	35	37	40	47	34	13	91	100	N E	4	E	8	146	15	.01	Foggy	Light Rain	Cloudy
30	29.42	29.63	41	31	36	43	28	15	100	37	E	9	W	28	353	40	.32	Heavy Rain	Clear	Partly Cl'dy
31	29.91	30.03	25	33	30	35	25	10	37	43	W	25	W	10	442	40	.0	Clear	Clear	Clear
Month Ave's.	29.97	29.95	26	30	29	37	22	15	74	67	N	12	N	10	244	40	3.17			

SUMMARY.

BAROMETER.

Monthly Mean, 29.96 inches.

Highest, 30.63 in.; Date, 19.

Lowest, 29.23 in.; Date, 8.

Monthly range, 1.40 inches.

TEMPERATURE.

Monthly Mean, 29 degrees.
Highest, 49 degrees; Date, 2.
Lowest, 4 degrees; Date, 19.
Absolute range, 45 degrees.
Greatest daily range, 33 degrees; Date, 11.
Least daily range, 4 deg.; Date, 4.
Mean daily range, 15 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 57 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 10 miles.
Max. velocity and direction, 38 W.; Date, 31.
Total monthly movement, 7,575 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 16.
*Greatest 24 hour precipitation, (in. and 100ths), 78; Date, 11.
Total monthly precipitation, (in. and 100ths), 3.17 in.
Total depth of snowfall (inches and 10ths), 8.3 in.
Dates of thunder storms, 0.
Accumulated deficiency of precipitation since Jan. 1st, 1.14 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---24 deg.		1889---34 deg.	
1874---32 "		1890---35 "	
1875---23 "		1891---31 "	
1876---35 "		1892---27 "	
1877---27 "		1893---20 "	
1878---31 "		1894---30 "	
1879---26 "		1895---27 "	
1880---37 "		1896---25 "	
1881---21 "		1897---28 "	
1882 --27 "		1898---30 "	
1883---24 "		1899---28 "	
1884---24 "		1900---30 "	
1885---27 "		1901---28 "	
1886---25 "		1902---27 "	
1887---25 "		1903---29 "	
1888---21 "			

COM. RAINFALL. (Inches and 100ths.)

1873---7.42	1889---4.47
1874---4.27	1890---3.03
1875---2.72	1891---6.77
1876---1.54	1892---5.38
1877---1.60	1893---3.47
1878---6.80	1894---2.74
1879---2.69	1895---5.13
1880---3.75	1896---1.82
1881---4.79	1897---3.85
1882---5.91	1898---4.96
1883---5.60	1899---4.33
1884---4.63	1900---3.60
1885---4.05	1901---1.38
1886---3.53	1902---1.83
1887--- 4.24	1903---3.17
1888---5.48	

Monthly mean humidity, 71 per cent. Monthly mean dew point, 20. Number of clear days, 15. Number of fair days, 6. Number of cloudy days, 10.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XVII. NO. 2.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
R. S. GOODWIN, M.D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF FEBRUARY, 1903.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of February, 1903 and a Statement of the Births and Marriages for the Month of January, 1903.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in Jan.	Still Births in Jan.	Marriages in Jan.	Total Deaths in Feb.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	36	1	8	17	16.0	3	2	29.4	---	---	---	4	---	1	---	---	---	---	---	---	---	3	---	---	4	---	1	4
Branford,	5,706	13	1	3	10	21.0	---	2	20.0	---	---	---	---	---	---	---	---	---	---	1	---	---	4	1	---	3	1	---	---
Bridgeport,	70,996	214	12	68	108	17.9	23	11	31.4	---	---	2	4	---	3	4	---	---	---	---	---	1	10	25	4	8	9	5	33
Bristol,	9,643	25	---	5	13	16.1	3	2	38.4	---	---	1	1	---	1	1	---	---	---	---	---	---	---	2	---	1	---	---	6
Danbury,	19,474	25	1	12	30	18.4	4	---	13.3	---	---	---	4	---	2	---	---	---	---	---	---	---	3	4	---	2	6	---	9
Derby,	7,930	21	---	13	3	4.5	1	---	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3
East Hartford,	6,406	9	2	6	11	20.6	2	---	18.1	---	---	---	2	---	---	---	---	---	---	---	---	---	1	2	1	---	---	1	4
Enfield,	6,699	15	---	3	7	12.5	1	2	42.8	---	1	---	---	---	---	---	---	---	---	---	---	---	---	1	2	1	1	---	1
Greenwich,	12,172	15	2	2	17	16.7	---	1	5.8	---	---	---	---	---	1	---	---	---	---	---	---	---	---	1	2	6	---	---	7
Groton,	5,962	7	1	4	10	20.1	2	---	20.0	---	---	---	---	---	1	1	---	---	---	---	---	---	1	---	1	2	1	---	3
Hartford,	79,850	158	12	45	120	17.2	18	15	27.5	---	6	3	8	2	2	5	1	---	---	---	1	---	12	17	3	6	12	1	41
Huntington,	5,572	18	---	4	4	8.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	1	---	2
Killingly,	6,835	17	---	9	7	12.2	1	---	14.2	---	---	---	1	---	---	---	---	---	---	---	---	---	---	2	---	1	---	---	3
Manchester,	10,601	22	---	12	10	11.3	5	---	50.0	---	---	---	---	---	---	2	---	---	---	---	---	---	1	1	---	1	1	---	4
Meriden,	28,695	54	1	18	40	16.7	7	4	27.5	---	---	---	7	---	---	7	1	1	---	---	---	---	4	2	---	2	2	1	13
Middletown,	17,486	9	2	5	35	15.0	2	1	8.5	---	1	---	1	---	---	---	---	1	---	---	---	---	4	6	3	5	2	---	12
Naugatuck,	10,541	26	---	4	14	15.9	2	4	42.8	---	1	4	1	---	---	---	---	---	---	---	---	---	---	2	---	1	1	---	4
New Britain,	28,202	72	---	34	46	19.5	13	5	39.1	---	1	---	4	---	---	1	---	---	---	---	---	---	3	7	2	3	2	4	16
New Haven,	108,027	255	11	85	152	15.8	29	9	25.0	---	---	3	8	---	1	---	2	---	---	---	---	3	12	25	8	13	18	9	50
New London,	17,548	38	1	19	27	18.4	3	1	14.8	---	---	---	---	---	---	---	---	---	---	---	---	1	4	2	---	2	3	3	12
Norwalk,	19,932	28	1	10	28	16.8	6	2	28.5	---	---	---	2	---	---	---	1	---	---	---	---	1	2	4	1	6	3	---	8
Norwich,	24,637	45	3	20	51	24.8	9	3	23.5	---	---	---	2	---	1	4	---	---	---	---	---	---	3	5	3	7	8	3	15
Orange,	6,995	9	---	2	9	15.4	1	---	11.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	2	2	1	3
Putnam,	7,348	12	3	4	10	16.3	3	---	30.0	---	---	---	---	---	---	1	---	---	---	---	---	---	1	1	---	3	1	---	3
Southington,	5,890	7	1	4	5	10.1	1	---	20.0	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	1	1	---	---	1
Stamford,	18,839	38	1	8	33	21.0	2	2	12.1	---	---	---	1	1	---	---	---	2	---	---	1	---	2	3	---	6	3	3	11
Stonington,	8,540	24	2	9	13	18.2	3	2	38.4	---	1	---	---	---	---	---	---	---	---	---	---	---	---	1	1	3	1	1	5
Thompson,	6,442	13	2	2	8	14.9	---	2	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	---	2	1	3
Torrington,	12,453	26	2	9	10	9.6	2	2	40.0	---	---	---	1	---	---	---	---	---	---	---	1	---	1	---	1	---	2	1	3
Vernon,	8,483	12	---	5	18	25.4	4	1	27.7	---	---	---	1	---	---	---	---	---	---	---	---	---	---	2	---	3	3	1	8
Wallingford,	9,001	18	---	5	16	21.3	3	1	25.0	---	---	---	2	---	2	---	---	---	1	---	---	---	2	2	1	---	2	---	4
Waterbury,	51,139	129	6	44	76	17.8	17	5	28.9	---	5	1	1	---	2	---	1	1	---	---	---	---	14	12	5	10	8	4	22
Winchester,	7,763	14	---	4	11	16.8	1	---	9.0	---	---	---	---	---	2	---	---	---	---	---	---	---	---	1	1	2	1	---	4
Windham,	10,137	23	1	6	11	13.0	1	2	27.2	---	---	---	---	---	---	2	---	---	---	---	---	---	1	1	---	1	2	---	4
Total of the 34 above towns,	668,616	1447	69	491	980	17.5	172	81	25.8	---	16	14	56	3	19	28	6	5	1	1	11	1	78	135	41	105	99	40	321
131 towns of less than 5,000 inhabitants,	235,371	308	23	82	314	16.0	41	14	17.5	---	3		30	---	5	5	---	1	---	1	5	---	23	41	14	39	35	10	102
Total reported from 165 towns,	903,987	1755	92	573	1294	17.1	213	95	23.8	---	19	14	86	3	24	33	6	6	1	2	16	1	101	176	55	144	134	50	423
Populations of towns not reporting,	4,368																												

The Mortality in Public Institutions of the State were: in Bridgeport, 8; in Hartford, 31; in Middletown, 17; and in New Haven, 31. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in February; Bethany, Bridgewater, Burlington, Chester, Cornwall, East Haven, Hampton, Hartland, Killingworth, Lisbon, Middlebury, Monroe, New Fairfield, Norfolk, North Haven, Prospect, Saybrook, Scotland, Warren, Willington, Wilton, Woodbridge—22.

The Registrars of the following towns have made no report for February: Bethlehem, Cheshire, North Canaan.

REMARKS.

By Mortality Reports received there were 1,294 deaths during the month of February. This was 124 less than in January, and 170 more than in February of last year, and 98 more than the average number of deaths in February for the five years preceding.

	1903	1902	1901	1900	1899	1898
January,	1418	1172	1439	1367	1565	1153
February,	1294	1124	1381	1261	1192	1026

The death-rate was 17.5 for the large towns, for the small towns 16.0, and for the whole State 17.1.

The deaths reported from infectious diseases, including diarrhoeal, were 312, being 24.1 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Montville, 5; Norwich (city), 5; Norwich (town), 3; Plainfield, 4; Putnam, 10; Sprague, 7; Thompson, 13.—Total, 47 in 6 towns.

Measles.—Avon, 6; Bloomfield, 4; Bristol, 6; Canterbury, 23; Chaplin, 9; Chatham, 60+; Cheshire, 20; Cornwall, 1; Cromwell, 2; Danielson (borough), 1; Derby, 3; East Haven, 1; East Hartford, 8; Ellington, 115; Enfield, 39; Essex, 12; Fairfield, 30; Farmington, 12; Granby, 2; Griswold, 3; Hampton, 1; Hartford, 125; Harwinton, 1; Huntington, 1; Jewett City (borough), epidemic; Lebanon, 1; Litchfield, 15+; Meriden (city), 3; Middlebury, 8; Middletown, 75+; Naugatuck, 5; New Britain (city), 6; New Haven, 2; Norfolk, 86; North Canaan, 1; Norwalk, 8; Norwich (city), 50; Orange, 1; Oxford, 21; Plainfield, 3; Plainville, 7+; Portland, 1; Prospect, 1; Putnam, 2; Rocky Hill, 1; Rockville (city), 16; Saybrook, 3; Scotland, 7; Somers, 42; Southington, 2; South Norwalk (city), 9; South Windsor, 30+; Stafford, 3; Stamford (city), 3; Stonington, 7; Stonington (borough), 1; Suffield, 13; Thomaston, 2; Tolland, 1; Vernon, 12; Waterbury, 45; Watertown, 3; West Hartford, 29; Wethersfield, 28; Willimantic (city), 4; Willington, 3; Wilton, 2; Windsor, 46; Windsor Locks, 4; Woodbury, 7.—Total, 1099+ in 66 towns.

Scarlet Fever.—Ansonia, 2; Beacon Falls, 2; Branford, 5; Bridgeport, 28; Bristol, 12; Canton, 1; Cornwall, 1; Cromwell, 1; Danbury (city), 1; Danbury (town), 1; Derby, 2; East Hartford, 3; Glastonbury, 1; Granby, 1; Greenwich, 4; Groton, 1; Hartford, 50; Huntington, 1; Kent, 1; Manchester, 3; Mansfield, 1; Middlebury, 1; Middletown, 3; Milford, 2; Naugatuck, 64; New Britain (city), 21; New Haven, 16; Newington, 1; New London, 1; North Haven, 1; North Stonington, 2; Norwalk, 2; Norwich (city), 2; Norwich (town), 1; Orange, 1; Oxford, 1; Plainfield, 2; Plainville, 4; Portland, 1; Rockville (city), 1; Seymour, 1; Sherman, 1; Southington, 1; South Windsor, 2; Stafford, 2; Stamford (city), 9; Stamford (town), 1; Stonington, 1; Stonington (borough), 1; Torrington, 11; Wallingford, 30; Waterbury, 8; Waterford, 1; Watertown, 3; West Hartford, 1; West Haven (borough), 3; Westport, 5; Willimantic (city), 3; Winchester, 1; Woodbury, 5.—Total, 339 in 55 towns.

Cerebro Spinal Fever.—Canterbury, 2; Meriden, 1.—Total, 3 in 2 towns.

Diphtheria and Croup.—Ansonia, 3; Branford, 1; Bridgeport, 30; Burlington, 1; Danbury (city), 2; Darien, 2; Derby, 3; East Hartford, 2; Greenwich, 4; Groton, 3; Hamden, 1; Hartford, 10; Harwinton, 1; Huntington, 1; Manchester, 3; Milford, 1; Monroe, 2; Naugatuck, 7; New Britain (city), 9; New Haven, 10; Newington, 2; New London, 1; Norwalk (city), 1; Norwich (city), 2; Rocky Hill, 1; Rockville (city), 6; Seymour, 1; Southbury, 2; South Norwalk (city), 1; South Windsor, 3; Stamford (city), 9; Stonington, 1; Stratford, 1; Suffield, 1; Thompson, 2; Torrington, 2; Wallingford, 10; Waterbury, 12; Watertown, 1; West Haven (borough), 2; Windsor, 5; Windsor Locks, 2; Winsted (borough), 4; Woodbury, 2.—Total, 170 in 43 towns.

Whooping Cough.—Berlin, 10; Bloomfield, 5; Bozrah, 2+; Bridgeport, 2; Bristol, 15, Canton, 4; Cheshire, 6; Chester, 4; Cornwall, 36; East Hartford, 5; Essex, 17; Fairfield (epidemic); Glastonbury, 70+; Greenwich, 1; Guilford, 4; Hartford, 5; Harwinton, 12; Litchfield, 3; Lyme, 6; Meriden (city) (epidemic); Middletown, 1; Newington, 4; North Branford (some cases); North Canaan, 30; Norwalk (city), 3; Norwich (city), (many cases); Old Lyme, 6+; Old Saybrook, 17; Saybrook (some cases); Sharon (epidemic), Southington (epidemic); Stonington, 1; Suffield, 15; Thompson, 6; Tolland, 7; Torrington (many cases); Westbrook, (?); Willimantic (city), 2+; Willington, 20; Woodstock, 25.—Total, 344+ in 40 towns.

Typhoid Fever.—Bridgeport, 1; Bristol, 1; Hamden, 1; Meriden (city), 2; Middletown, 2; New Haven, 4; Norwich, 1; South Norwalk (city), 1; Sprague, 1; Stamford (city), 1; Waterbury, 4; Woodstock, 1.—Total, 20 in 12 towns.

Consumption.—Bridgeport, 7; Mansfield, 1; Southington, 1; Stamford, (city), 1; Wethersfield, 1; Woodstock, 1.—Total, 12 in 6 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Barkhamsted, Bethany, Bethel, Bethlehem, Bolton, Bridgewater, Brookfield, Brooklyn, Canaan, Clinton, Colchester, Colebrook, Columbia, Coventry, Durham, Eastford, East Granby, East Haddam, East Lyme, Easton, Franklin, Goshen, Hebron, Killingworth, Ledyard, Lisbon, Madison, Marlborough, Morris, New Britain, New Canaan, New Fairfield, New Hartford, New Milford, Plymouth, Redding, Roxbury, Salem, Salisbury, Shelton (borough), Sterling, Trumbull, Union, Voluntown, Warren, Weston, Windham, Wolcott, Woodbridge.—Total, 51.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population.

Measles.—Canterbury, 1; Griswold, 1; South Windsor, 1.—Total 3.

La Grippe.—Brooklyn, 1; Canterbury, 1; Chaplin, 1; Clinton, 1; Coventry, 2; Cromwell, 2; Darien, 1; East Haddam, 2; Fairfield, 3; Glastonbury, 1; Goshen, 1; Guilford, 1; Lebanon, 3; Mansfield, 1; Marlborough, 1; Pomfret, 1; Seymour, 2; Sharon, 1; Southbury, 1; Stafford, 1; Suffield, 1; Windsor, 1.—Total, 30.

Diphtheria and Croup.—Newtown, 1; Seymour, 1; South Windsor, 1; Windsor Locks, 1; Woodbury, 1.—Total, 5.

Whooping Cough.—Preston, 1; South Windsor, 1; Westport, 1; Woodstock, 2.—Total, 5.

Typhoid Fever.—Plainville, 1.

Consumption.—Berlin, 1; Bethel, 2; Cromwell, 1; East Haddam, 1; Fairfield, 1; Farmington, 1; Hebron, 1; Mansfield, 1; Milford, 1; New Canaan, 1; Newington, 1; Newtown, 1; Preston, 1; Sprague, 1; Stratford, 1; Suffield, 2; Weston, 1; Westport, 1; Wolcott, 2; Woodstock, 1.—Total, 23.

All the Health Officers of New Haven County have reported. But the Health Officers of the following towns have not reported:

HARTFORD CO.—East Windsor, Hartland, Simsbury.

NEW LONDON CO.—Preston.

FAIRFIELD CO.—Newtown, Ridgefield (town and borough).

WINDHAM CO.—Killingly, Pomfret.

LITCHFIELD CO.—Washington.

MIDDLESEX CO.—Haddam, Middlefield.

TOLLAND CO.—Stafford Springs (borough).

THE INFECTIOUS DISEASES.

Small pox is abating. There were 47 cases in February against 73 in January. Its prevalence is in complete accord with past experience, which is that it occurs only among those who were unprotected by vaccination. Measles, scarlet fever, diphtheria and whooping cough have all increased in their prevalence in a very marked degree, but the peculiar mildness of type continues. Typhoid fever was much less prevalent than in January.

THE ITHACA EPIDEMIC.

The present epidemic of typhoid fever at Ithaca, N. Y., is an object lesson worthy the attention of all local health officers in Connecticut. Most of the public water supplies in this State are collections of surface waters from watersheds, which may be exposed at any time to typhoid infection. A vigilant surveillance of all watersheds should be constantly maintained.

To Physicians:

Complaints from Registrars are frequent at this office that physicians in writing the causes of death in the certificates which the law requires them to furnish, do not write plainly and legibly.

Every physician should bear in mind that the registrar who is obliged to put on record a copy of his certificate, has not a medical education and is unfamiliar with the names of many diseases. Hence when writing the causes of death, he should make his manuscript so clear and careful, that it can be copied correctly by any person, even by a person who does not know the meaning of the words. There should be no abbreviations of terms and every letter should be written so plainly that there need be no mistakes in transcribing the certificate to the record books.

The same care should be observed in writing the proper names of persons mentioned in the certificates. This office is often puzzled in arranging certificates in alphabetical order because the initial letter is so carelessly written that it is quite uncertain which member of the alphabet is intended. Of course any error in the alphabetical arrangement makes it impossible to find the true name again. This latter difficulty applies to the careless writing of registrars in copying certificates.

In the interest of correct registration it is hoped that Physicians and Registrars will appreciate the importance of this matter with practical results.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, March 15, 1903.

METEOROLOGICAL REPORT FOR THE MONTH OF FEBRUARY, 1903.

U. S. WEATHER BUREAU, New Haven, Conn. — L. M. FARR, Observer.

Date	Barometer.† 8 A.M.	Barometer.† 8 P.M.	Temperature.‡ 8 A.M.	Temperature.‡ 8 P.M.	Temperature.‡ Daily Mean of Max. and Min.	Temperature.‡ Maximum.	Temperature.‡ Minimum.	Temperature.‡ Range.	Relative Humidity.‖ 8 A.M.	Relative Humidity.‖ 8 P.M.	Wind. 8 A.M. Direction from	Wind. 8 A.M. Vel. in m. per h.	Wind. 8 P.M. Direction from	Wind. 8 P.M. Vel. in m. per h.	Wind. Daily Movement.	Wind. Max. velocity for a single Mile.	Precipitation.* Am't fine, melted snow Inches and 100ths.	Character of Weather. 8 A.M.	Character of Weather. 8 P.M.	Character of Day.
1	30.13	30.01	32	36	33	38	28	10	68	100	W	1	S W	3	90	9	T	Cloudy	Misting	Cloudy
2	30.01	29.89	37	40	38	41	35	6	95	96	S W	3	E	4	85	10	.02	Foggy	Cloudy	Cloudy
3	30.00	30.02	37	30	42	51	33	18	78	79	W	3	N E	8	114	12	.0	Clear	Clear	Clear
4	29.54	29.15	41	44	40	44	37	7	100	96	N E	10	N W	12	247	38	.84	Light Rain	Light Rain	Cloudy
5	29.38	29.98	31	25	32	40	25	15	58	74	N	30	W	15	409	40	.01	Clear	Clear	Clear
6	30.00	30.14	28	34	34	42	25	17	65	71	W	7	N W	6	217	26	.0	Clear	Clear	Clear
7	30.28	30.33	28	27	30	34	25	9	59	80	W	6	N	7	207	20	.0	Clear	Clear	Clear
8	30.14	29.82	27	37	34	43	24	19	64	85	N E	11	W	15	343	38	.46	Cloudy	Partly Cl'dy	Cloudy
9	29.78	30.05	30	34	34	37	30	7	76	71	N W	16	N W	12	448	38	.0	Partly Cl'dy	Partly Cl'dy	Clear
10	30.25	30.10	28	30	30	44	27	17	71	71	N W	4	S W	9	143	11	.0	Clear	Clear	Clear
11	30.07	29.49	35	43	40	47	33	14	77	90	S	3	S E	20	233	30	.55	Partly Cl'dy	Light Rain	Cloudy
12	29.97	29.97	40	44	45	50	40	10	75	93	N W	20	N W	7	485	48	.13	Clear	Clear	Clear
13	30.01	30.11	35	43	44	54	34	20	72	70	N	4	N	5	151	26	.0	Clear	Cloudy	Clear
14	30.27	30.30	30	28	32	30	26	13	67	43	N	14	N	0	253	22	.0	Clear	Clear	Clear
15	30.24	29.92	26	26	27	30	24	6	81	87	N	6	N	10	148	15	.10	Cloudy	Cloudy	Cloudy
16	29.50	29.49	27	28	28	31	26	5	84	100	N	10	N	10	279	20	.32	Sleeting	Light Snow	Partly Cl'dy
17	29.00	29.80	10	10	20	34	5	29	81	86	N	14	N W	10	330	30	.54	Light Snow	Clear	Cloudy
18	30.07	30.02	0	12	10	16	3	13	74	80	W	12	W	7	257	38	.0	Clear	Clear	Partly Cl'dy
19	30.44	30.48	3	11	8	15	1	14	54	70	W	16	S W	6	264	22	.01	Clear	Clear	Clear
20	30.52	30.50	9	21	16	20	6	20	63	86	W	3	W	5	152	15	.0	Clear	Clear	Clear
21	30.44	30.14	7	34	20	36	5	31	65	81	N	4	S W	6	120	14	.0	Cloudy	Clear	Partly Cl'dy
22	30.18	30.50	28	27	28	34	22	12	65	80	N W	8	S W	4	240	22	.0	Clear	Clear	Clear
23	30.49	30.29	22	35	28	38	19	19	74	72	S W	7	S W	11	313	30	.0	Clear	Clear	Clear
24	30.28	30.12	29	30	30	44	27	17	66	63	W	1	W	7	114	17	.0	Clear	Clear	Clear
25	30.28	30.42	24	34	30	38	23	15	54	86	W	9	W	6	200	24	.0	Clear	Clear	Clear
26	30.48	30.41	26	40	36	48	23	25	66	64	W	5	S W	7	164	12	.0	Clear	Clear	Clear
27	30.41	30.21	35	43	38	47	30	17	77	86	W	5	S	3	129	12	.0	Clear	Cloudy	Partly Cl'dy
28	29.68	29.62	49	54	49	57	41	16	100	53	S W	20	W	20	472	48	1.00	Light Rain	Clear	Cloudy
29																				
30																				
31																				
Month Ave's.	30.06	30.03	28	33	32	39	24	15	73	75	W	9	W	9	240	48	3.98			

SUMMARY.

Barometer.

Monthly Mean, 30.04 inches.

Highest, 30.52 in.; Date, 20.

Lowest, 29.06 in.; Date, 17.

Monthly range, 1.46 inches

Temperature.

Monthly Mean, 32 degrees.
Highest, 57 degrees; Date, 28.
Lowest, 1 degree; Date, 19.
Absolute range, 56 degrees.
Greatest daily range, 31 degrees; Date, 21.
Least daily range, 5 deg.; Date, 20.
Mean daily range, 15 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 138 degrees.

Wind.

Prevailing direction, W.
Mean hourly velocity, 10 miles.
Max. velocity and direction, 42 S W.; Date, 28.
Total monthly movement, 6,710 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 12.
*Greatest 24 hour precipitation, (in. and 100ths), 1.00; Date, 27 and 28.
Total monthly precipitation, (in. and 100ths), 3.98 in.
Total depth of snowfall (inches and 10ths), 12.2 in.
Dates of thunder storms, 4.
Accumulated deficiency of precipitation since Jan. 1st, 1.28 inches.

Compar. Temp. (Mon. Mean.)

1873---26 deg.	1880---25 deg.	1887---30	1894---28
1874---28 "	1890---30 "	1888---28	1895---22
1875---24 "	1891---32 "	1889---32	1896---26
1876---32 "	1892---31 "	1890---29	1897---30
1877---36 "	1893---26 "	1891---32	1898---31
1878---33 "	1894---26 "	1892---31	1899---29
1879---27 "	1895---22 "	1893---26	1900---29
1880---34 "	1896---26 "	1894---26	1901---24
1881---20 "	1897---30 "	1895---22	1902---28
1882---32 "	1898---31 "	1896---26	1903---32
1883---28 "	1899---29 "	1897---30	
1884---33 "	1900---29 "	1898---31	
1885---20 "	1901---24 "	1899---29	
1886---27 "	1902---28 "	1900---29	
1887---30 "	1903---32 "	1901---24	
1888---28 "		1902---28	

Com. Rainfall. (Inches and 100ths.)

1873---3.45	1889---2.00	1874---3.86	1890---3.19
1875---3.98	1891---5.88	1876---4.29	1892---1.56
1877---1.07	1893---0.23	1878---6.40	1894---4.23
1879---3.89	1895---.09	1880---3.80	1896---5.05
1881---0.17	1897---2.00	1882---4.52	1898---4.55
1883---5.00	1899---3.38	1884---5.57	1900---0.30
1885---3.15	1901---.54	1886---5.95	1902---3.58
1887---0.22	1903---3.98	1888---3.16	

Monthly mean humidity, 73 per cent. Monthly mean dew point, 23.° Number of clear days, 10. Number of fair days, 4. Number of cloudy days, 8.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVII. No. 3.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. D. C. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
R. S. GOODWIN, M.D., THOMASTON.
T. H. MCKENZIE, C.E., SOUTHINGTON.
S. C. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MARCH, 1903.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of March, 1903 and a Statement of the Births and Marriages for the Month of February, 1903.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in Feb.	Still Births in Feb.	Marriages in Feb.	Total Deaths in Mar.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	21	----	10	20	18.9	3	3	30.0	----	----	1	3	----	----	----	----	----	----	----	----	----	1	----	----	4	----	----	11
Branford,	5,706	9	1	2	8	16.8	5	----	62.5	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	7
Bridgeport,	70,996	145	11	60	110	18.0	20	14	30.9	----	----	2	5	----	6	2	----	2	----	----	----	----	8	13	5	11	17	4	35
Bristol,	9,643	16	1	4	13	16.1	2	----	15.3	----	----	1	2	----	----	----	----	----	----	----	----	----	----	1	----	----	1	1	7
Danbury,	19,474	31	1	7	31	19.1	4	1	16.1	----	----	----	----	----	----	----	----	1	----	----	----	----	2	5	2	5	5	4	7
Derby,	7,930	17	2	9	14	21.1	1	2	21.4	----	----	----	2	----	----	----	----	----	----	----	----	----	1	2	----	3	----	1	5
East Hartford,	6,406	12	----	3	9	16.8	4	----	44.4	----	----	----	----	----	3	----	----	----	----	----	----	----	----	1	----	1	2	----	2
Enfield,	6,699	16	----	7	15	26.8	2	4	40.0	----	4	----	1	----	----	----	----	----	----	----	----	----	2	----	----	----	3	----	5
Greenwich,	12,172	9	1	6	19	18.7	2	----	10.5	----	----	----	----	----	----	----	----	----	----	----	----	1	----	4	1	3	----	1	9
Groton,	5,962	4		3	9	18.1	1	----	11.1	----	----	----	1	----	----	----	----	1	----	----	----	----	2	1	1	----	----	----	3
Hartford,	79,850	152	6	60	143	19.5	21	18	27.2	----	1	1	3	----	2	5	----	1	----	----	1	1	13	21	1	10	21	5	57
Huntington,	5,572	8	----	2	6	12.9	2	----	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	1	1	----	----	1
Killingly,	6,835	14	----	4	14	24.5	2	1	21.4	----	----	----	1	----	----	1	----	----	----	----	1	----	----	3	----	----	3	1	4
Manchester,	10,601	24	----	5	8	9.0	1	----	12.5	----	----	1	1	----	----	----	----	----	----	----	----	----	4	----	1	----	----	----	1
Meriden,	28,695	40	1	20	34	14.2	5	2	20.5	----	----	----	4	----	----	3	----	1	----	----	----	----	1	2	----	1	6	1	15
Middletown,	17,486	21	1	9	51	21.9	9	4	25.4	----	----	----	2	----	1	3	1	----	----	----	1	----	3	9	2	11	4	----	14
Naugatuck,	10,541	21	2	6	11	12.5	1	----	9.0	----	----	3	----	----	1	----	----	----	----	----	----	----	3	----	1	1	----	----	2
New Britain,	28,202	75	7	35	42	17.8	14	2	38.0	----	----	1	1	----	1	----	----	----	----	----	1	----	3	3	1	6	6	----	19
New Haven,	108,027	227	13	74	176	19.4	28	20	27.2	----	----	1	5	----	----	6	4	5	2	----	1	----	20	25	6	16	14	10	61
New London,	17,548	27	2	18	31	21.1	2	2	12.9	----	----	----	4	----	1	----	----	----	----	----	----	----	4	----	----	6	4	6	6
Norwalk,	19,932	31	1	6	30	18.0	2	3	16.6	----	2	----	4	----	----	----	----	----	----	----	----	----	5	3	1	2	6	----	7
Norwich,	24,637	38	2	24	33	16.0	7	2	27.2	----	1	----	----	----	----	1	----	1	----	----	----	----	4	5	2	4	5	----	10
Orange,	6,995	8	----	3	8	13.7	1	1	25.0	----	----	----	1	----	----	----	----	----	----	----	----	----	2	----	----	----	----	----	5
Putnam,	7,348	9	----	15	13	21.2	2	1	23.0	----	----	----	----	----	----	----	----	----	----	----	1	----	4	1	1	1	1	1	3
Southington,	5,890	11	----	2	11	22.4	1	----	9.0	----	----	----	1	----	----	1	----	----	----	----	----	----	3	----	----	2	----	1	3
Stamford,	18,839	34	1	10	34	21.6	5	6	32.3	----	----	1	2	----	3	----	----	1	----	----	----	----	4	----	----	6	3	2	12
Stonington,	8,540	11	2	7	15	21.0	----	3	20.0	----	1	----	1	----	1	----	----	----	----	----	----	----	1	1	1	----	3	2	4
Thompson,	6,442	10	----	3	9	16.7	5	1	66.6	----	----	----	----	----	1	----	----	----	----	----	----	----	1	3	1	----	----	----	3
Torrington,	12,453	34	3	2	17	16.3	5	1	35.2	----	----	----	1	----	----	1	----	----	----	----	----	----	4	4	----	2	----	1	4
Vernon,	8,483	25	2	6	5	7.0	2	----	40.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	4
Wallingford.	9,001	8	2	5	11	14.6	2	1	27.2	----	----	1	----	----	1	----	----	----	----	----	----	----	1	3	----	1	----	----	4
Waterbury,	51,139	113	3	37	87	20.4	18	10	32.1	----	5	----	2	----	5	1	----	2	----	----	----	----	7	9	8	11	4	6	27
Winchester,	7,763	3	2	6	14	21.6	1	----	7.1	----	----	1	1	----	----	----	----	----	----	----	----	----	----	3	----	1	----	2	6
Windham,	10,137	23	----	10	15	17.7	4	1	33.3	----	----	----	2	----	----	----	----	----	----	----	----	----	2	2	----	2	1	----	6
Total of the 34 above towns,	668,616	1247	67	480	1066	19.1	184	103	26.9	----	14	14	50	----	23	27	5	14	3	----	6	2	107	127	36	111	109	49	369
132 towns of less than 5,000 inhabitants,	238,433	330	8	98	355	17.9	44	13	16.1	----	2	3	39	----	4	3	3	4	1	1	----	3	23	45	11	48	28	14	123
Total reported from 166 towns,	907,049	1577	75	578	1421	18.8	228	116	24.2	----	16	17	89	----	27	30	8	18	4	1	6	5	130	172	47	159	137	63	492
Population of towns not reporting,	1,306																												

The Mortality in Public Institutions of the State were: in Bridgeport, 13; in Hartford, 51; in Middletown, 22; and in New Haven, 29. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in March; Brookfield, Chester, East Lyme, Franklin, Hartland, Lebanon, Marlborough, Middlebury, New Fairfield, North Branford, North Canaan, Preston, Somers, Tolland, Union, Washington, Willington, Woodbridge—18.

The Registrars of the following towns have made no report for March: Columbia, Killingworth.

REMARKS.

By Mortality Reports received there were 1,421 deaths during the month of March. This was 127 more than in February, and 182 more than in March of last year, and 49 more than the average number of deaths in March for the five years preceding.

	1903	1902	1901	1900	1899	1898
January,	1418	1172	1439	1367	1565	1153
February,	1294	1124	1381	1261	1192	1026
March,	1421	1239	1441	1691	1221	1272
Total 1st quarter,	4133	3535	4261	4319	3978	3451

The death-rate was 19.1 for the large towns, for the small towns 17.9, and for the whole State 18.8.

The deaths reported from infectious diseases, including diarrhœal, were 357, being 25.1 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Bozrah, 1; Montville, 3; New Britain (city), 5; Norwich (city), 1; Norwich (town), 2; Thompson, 1.—Total, 13 in 5 towns.

Measles.—Andover, 3; Ashford, 3; Avon, 4; Berlin, 1; Bethlehem, 1; Bozrah, 3; Bridgeport, 1; Bristol, 12; Canterbury, 2; Chaplin, 7; Chatham, 100+; Cheshire, 10; Chester, 2; Colchester, 3; Cromwell, 14; Darien, 3; Derby, 6; East Haddam, 5; East Hartford, 5; East Windsor, (epidemic); Ellington, 10; Enfield, 27; Essex, 25+; Fairfield, 13; Farmington, 45; Franklin, 4; Granby, 3; Griswold, 10; Groton, 1; Guilford, 1; Hampton, 5; Hartford, 53; Huntington, 2; Jewett City (borough), epidemic; Lebanon, 10; Ledyard, 1; Madison, 10; Meriden (city), 21 (epidemic); Middlebury, 4; Middletown, 125; Montville, 2; Naugatuck, 8; New Britain (city), 6; New Haven, 4; New London, 4; Norfolk, 27; Norwalk (city), 2; Norwalk (town), 10; Norwich (city), 20+; Norwich (town), 7; Old Lyme, 1; Plainfield, 1; Plymouth, 6; Pomfret, 2; Portland, 15+; Putnam, 15; Rockville (city), 40+; Saybrook, 1; Scotland, 2; Simsbury, 4; Somers, 34; Southington, 2; South Norwalk (city), 2; Sprague, 2; Stafford, 12; Stamford (city), 1; Stonington, 5; Stonington. (borough), 8; Suffield, 5; Tolland, 2; Torrington, 1; Union, 7; Wallingford, 2; Waterbury, 51; Watertown, 3; West Hartford, 4; West Haven (borough), 1; Westport, 2; Wethersfield, 44; Willimantic (city), 12; Willington, 3; Wilton, 3; Windham, 8; Windsor, 5; Winsted (borough), 1; Woodbury, 1.—Total, 948+ in 80 towns.

Scarlet Fever.—Ansonia, 5; Beacon Falls, 9; Berlin, 2; Bethel, 2; Bozrah, 1; Branford, 3; Bridgeport, 40; Bristol, 6; Coventry, 1; Danbury (city), 1; Danbury (town), 1; Derby, 11; East Hartford, 4; Glastonbury, 8; Groton, 1; Hamden, 1; Hartford, 57; Huntington, 4; Kent, 5; Manchester, 5; Meriden (city), 1; Middlebury, 3; Milford, 2; Naugatuck, 38; New Britain (city), 15; New Britain (town), 1; New Haven, 27; Newington, 1; New London, 3; North Stonington, 1; Norwalk, 1; Orange, 1; Plymouth, 3; Rockville (city), 3; Seymour, 3; Sherman, 1; Simsbury, 1; Somers, 1; Southington, 2; Stamford (city), 10; Torrington, 1; Wallingford, 10; Waterbury, 7; Watertown, 2; West Hartford, 4; Westport, 9; Woodbury, 1.—Total, 323 in 45 towns.

Diphtheria and Croup.—Ansonia, 2; Bethel, 1; Bridgeport, 24; Coventry, 4; Danbury (city), 2; Danielson (borough), 1; Derby, 2; Durham, 1; Enfield, 1; Glastonbury, 1; Greenwich, 1; Groton, 4; Hartford, 20; Manchester, 1; Middletown, 3; Naugatuck, 5; New Britain (city), 1; New Hartford, 1; New Haven, 6; New London, 2; New Milford, 1; Norwich (city), 2; Norwich (town), 1; Oxford, 1; Redding, 1; Seymour, 1; Simsbury, 2; Southington, 1; Stamford (city), 8; Stonington (borough), 3; Thompson, 1; Torrington (town and borough), 2; Wallingford, 4; Waterbury, 8; Waterford, 1; Watertown, 3; West Haven (borough), 1; Weston, 1; Westport, 2; Willimantic (city), 2.—Total, 129 in 39 towns.

Whooping Cough.—Bridgeport, 4; Cheshire, 7; Cornwall, 1; Derby, 6; East Hartford, 1; Essex, 10+; Guilford, (many cases); Hartford, 4; Jewett City (borough), 15; Killingworth, 20+; Meriden (city), (epidemic); Norwich (city), 200+; Old Saybrook, 17; Plainville, 2; Sharon, (epidemic); Simsbury, 24; Southington, (some cases); South Windsor, 4; Sprague, 14; Stamford (city), 3; Suffield, 37; Tolland, 1; Torrington, (many cases); Wallingford, 1; Westport, 1; Willimantic (city), 45; Woodbridge, 2.—Total, 419+ in 27 towns.

Typhoid Fever.—Bridgeport, 1; Bristol, 60; Danbury (city), 1; Greenwich, 2; Hartford, 3; Meriden (city), 2; New Haven, 8; Norfolk, 1; Norwich (city), 1; Sprague, 1; Stamford (city), 1; Waterbury, 5; West Haven (borough), 2.—Total, 88 in 13 towns.

Consumption.—Bridgeport, 9; Cornwall, 1; Eastford, 1; Newington, 1; Norwalk (city), 1; Norwalk (town), 1; Scotland, 1; South Norwalk (city), 1; Waterbury, 4; Watertown, 2.—Total, 22 in 8 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Barkhamsted, Bethany, Bloomfield, Bolton, Bridgewater, Brookfield, Brooklyn, Burlington, Canaan, Canton, Clinton, Colebrook, Columbia, East Granby, East Haven, East Lyme, Easton, Goshen, Hartland, Harwinton, Hebron, Killingly, Lisbon, Litchfield, Lyme, Mansfield, Marlborough, Meriden, Monroe, Morris, New Canaan, New Fairfield, Newtown, North Branford, North Canaan, North Haven, Preston, Prospect, Ridgefield (town and borough), Rocky Hill, Roxbury, Salisbury, Southbury, Stafford Springs (borough), Stamford, Sterling, Stratford, Thomaston, Trumbull, Vernon, Voluntown, Warren, Westbrook, Winchester, Windsor Locks, Wolcott.—Total, 56.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Griswold, 1; South Windsor, 1.—Total, 2.

Scarlet Fever.—Bethel, 1; Kent, 1; Plymouth, 1.—Total, 3.

La Grippe.—Ashford, 1; Bolton, 1; Burlington, 1; Chatham, 1; Colchester, 1; Darien, 1; Durham, 1; Eastford, 2; East Haddam, 1; Glastonbury, 1; Griswold, 1; Guilford, 1; Hamden, 1; Hampton, 1; Harwinton, 1; Hebron, 1; Ledyard, 1; Milford, 1; New Canaan, 1; New Milford, 2; Norfolk, 1; Old Saybrook, 1; Oxford, 1; Plymouth, 1; Redding, 2; Rocky Hill, 1; Seymour, 1; Sherman, 1; Southbury, 1; Stafford, 1; Sterling, 1; Stratford, 1; Voluntown, 1; Waterford, 2; Wilton, 1.—Total, 39.

Diphtheria and Croup.—Durham, 1; New Hartford, 1; Watertown, 1; Windsor, 1.—Total, 4.

Whooping Cough.—Berlin, 1; Sprague, 1; Suffield, 1.—Total, 3.

Typhoid Fever.—Berlin, 1; Farmington, 1; Sprague, 1; Stafford, 1.—Total, 4.

Consumption.—Berlin, 1; Brooklyn, 1; Colchester, 2; East Granby, 1; Kent, 1; Litchfield, 1; Lyme, 1; Madison, 1; Monroe, 1; Newington, 1; Plainville, 1; Plymouth, 1; Redding, 1; Salisbury, 1; Scotland, 1; Sherman, 1; Stafford, 2; Waterford, 2; Westport, 1; Windsor Locks, 1.—Total, 23.

All the Health Officers of Hartford, New Haven and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

New London Co.—Salem.
Fairfield Co.—Shelton (borough).
Windham Co.—Woodstock.
Litchfield Co.—Washington.
Middlesex Co.—Haddam, Middlefield.

CLEANING TIME.

The coming of Spring suggests to every good housekeeper that the season of house cleaning has arrived. A general renovation of the interior of the home is the usual practice. It is much to be commended, and the *Bulletin* suggests that the purifying proceedings be not limited to the interior of the house, but that equal care and attention be given to the backyard, and all the premises about the house. Although it is not now taught that filth alone can generate infectious diseases, yet it is believed to be a prolific field for the propagation of disease germs, if planted in it.

Disease is always most active and dangerous in a contaminated atmosphere and amid filthy surroundings. Cleanliness is always favorable to health, and a person in health can best resist the influences which cause disease. Look well then to your home, both inside and outside the house. Clean up all neglected corners. Attend to the safe disposal of sewage, remove the garbage heaps. When the occasion happens, always vote to employ a sanitary inspector, to visit the backyards of citizens and report what he finds to the health officer.

It is encouraging to note that "Village Improvement Associations" are being organized in several towns in the State. The State Board of Health most heartily endorses all such undertakings. They indicate a higher plane of civilization, and a growing intelligence and interest in things concerning the public good.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, April 15, 1903.

METEOROLOGICAL REPORT FOR THE MONTH OF MARCH, 1903.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date	Barometer.†		Temperature.‡						Relative Humidity.‖		Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	8 A.M.	8 P.M.	8 A.M.	8 P.M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A.M.	8 P.M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A.M.	8 P.M.	
1	29.87	30.23	44	31	38	51	25	26	61	52	W	12	W	14	390	30	.0	Cloudy	Clear	Clear
2	30.42	30.47	27	38	32	41	23	18	58	58	S W	4	W	3	170	18	.0	Clear	Clear	Clear
3	30.64	30.59	30	35	34	41	28	13	62	67	N	12	E	11	244	20	.0	Clear	Clear	Clear
4	30.49	30.36	33	40	41	50	32	18	100	79	S W	1	S	4	113	13	.0	Foggy	Cloudy	Partly Cl'dy
5	30.25	30.07	41	43	40	43	38	5	88	83	N E	6	S	6	153	13	.01	Cloudy	Cloudy	Cloudy
6	30.34	30.48	39	41	42	51	34	17	59	65	N	8	N	6	222	20	T	Clear	Clear	Clear
7	30.56	30.47	32	39	36	44	29	15	59	92	N E	8	S E	12	214	17	.01	Clear	Light Rain	Partly Cl'dy
8	30.30	30.17	50	50	48	52	43	9	96	96	S W	15	S W	10	253	22	1.25	Light Rain	Light Rain	Cloudy
9	30.32	30.43	47	42	46	52	41	11	75	96	N E	28	N E	18	446	40	.62	Cloudy	Light Rain	Cloudy
10	30.49	30.44	39	46	44	49	39	10	75	89	N E	12	S E	6	241	24	T	Cloudy	Cloudy	Partly Cl'dy
11	30.23	30.25	42	49	46	52	40	12	100	86	S W	6	N	12	158	20	.56	Light Rain	Clear	Cloudy
12	30.34	30.23	42	47	46	55	38	17	69	86	N	10	S W	4	176	15	.0	Clear	Clear	Clear
13	30.23	30.18	42	52	46	56	35	21	69	72	N W	5	W	4	125	12	.0	Clear	Clear	Clear
14	30.23	30.17	44	53	50	62	37	25	70	84	N W	1	S	2	102	10	.0	Clear	Clear	Clear
15	30.26	30.39	45	44	48	58	38	20	78	76	N E	18	N E	7	261	25	.0	Cloudy	Clear	Cloudy
16	30.49	30.41	36	39	38	40	35	5	82	87	N E	12	S E	7	212	14	T	Misting	Cloudy	Partly Cl'dy
17	30.23	30.20	40	50	46	54	37	17	96	83	E	3	W	6	131	17	T	Cloudy	Clear	Clear
18	30.41	30.48	46	44	46	53	39	14	79	88	N	12	S E	6	204	15	.0	Clear	Clear	Partly Cl'dy
19	30.46	30.31	39	43	47	56	38	18	82	88	S W	4	S W	8	190	18	.0	Cloudy	Cloudy	Partly Cl'dy
20	30.25	30.12	48	51	54	66	42	24	100	99	S	5	S	9	175	18	.01	Misting	Foggy	Cloudy
21	30.09	30.00	50	54	53	57	49	8	100	97	S E	7	S	10	198	20	.05	Foggy	Cloudy	Cloudy
22	30.15	30.22	44	48	50	55	44	11	88	93	N	14	N E	12	271	27	.40	Light Rain	Light Rain	Cloudy
23	30.11	29.93	43	54	49	57	41	16	100	100	N E	22	S W	12	361	30	1.35	Light Rain	Light Rain	Partly Cl'dy
24	30.00	29.87	49	48	52	58	47	11	100	98	S	3	S W	5	138	15	.01	Foggy	Misting	Clear
25	29.93	29.93	45	41	44	50	37	13	64	54	N W	7	N W	15	274	30	.01	Clear	Clear	Clear
26	30.13	30.10	38	52	44	57	32	25	61	46	W	7	S W	6	194	18	T	Clear	Clear	Clear
27	30.05	30.00	46	56	53	65	41	24	71	44	S W	12	N	4	235	29	.0	Clear	Clear	Partly Cl'dy
28	30.04	30.11	48	43	46	57	36	21	73	66	N	9	N	20	271	34	.02	Clear	Cloudy	Clear
29	30.51	30.53	33	39	36	45	31	14	40	59	N E	20	S	9	293	30	.0	Clear	Clear	Cloudy
30	30.36	29.87	34	41	37	44	30	14	71	95	N E	8	N E	21	299	36	.17	Cloudy	Light Rain	Partly Cl'dy
31	29.47	29.67	40	54	48	58	37	21	93	65	N E	16	W	8	323	29	.62	Cloudy	Clear	
Month Ave's.	30.25	30.22	41	45	45	52	37	16	78	79	N E	10	S	9	227	40	5.69			

SUMMARY.

Barometer.

Monthly Mean, 30.24 inches.

Highest, 30.64 in.; Date, 3.

Lowest, 29.47 in.; Date, 31.

Monthly range, 1.17 inches.

Temperature.

Monthly Mean, 45 degrees.
Highest, 66 degrees; Date, 20.
Lowest, 23 degrees; Date, 2.
Absolute range, 43 degrees.
Greatest daily range, 26 degrees; Date, 1.
Least daily range, 5 deg.; Date, 5.
Mean daily range, 16 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 447 degrees.

Wind.

Prevailing direction, N E.
Mean hourly velocity, 9 miles.
Max. velocity and direction, 34 N E.; Date, 30.
Total monthly movement, 7,037 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 19.
*Greatest 24 hour precipitation, (in. and 100ths), 1.51; Date, 8.
Total monthly precipitation, (in. and 100ths), 5.09 in.
Total depth of snowfall (inches and 10ths), T in.
Date of thunder storms, 4.
Accumulated deficiency of precipitation since Jan. 1st, .40 inches.

Compar. Temp. (Mon. Mean.)

1873---33 deg.		1889---39 deg.	
1874---35	"	1890---34	"
1875---31	"	1891---35	"
1876---35	"	1892---33	"
1877---37	"	1893---34	"
1878---43	"	1894---41	"
1879---36	"	1895---34	"
1880---36	"	1896---31	"
1881---37	"	1897---38	"
1882 --37	"	1898---42	"
1883---36	"	1899---34	"
1884---34	"	1900---33	"
1885---27	"	1901---35	"
1886---35	"	1902---42	"
1887---31	"	1903---45	"
1888---30	"		

Com. Rainfall. (Inches and 100ths.)

1873---4.01	1889---1.44
1874---1.34	1890---6.60
1875---3.24	1891---3.68
1876--10.15	1892---3.07
1877---8.09	1893---4.50
1878---4.18	1894---1.15
1879---5.82	1895---2.36
1880---5.68	1896---5.61
1881--10.42	1897---3.36
1882---3.59	1898---2.54
1883---1.64	1899---7.28
1884---4.19	1900---4.21
1885---1.19	1901---5.80
1886---3.20	1902---4.63
1887-- 4.22	1903---5.09
1888---7.46	

Monthly mean humidity, 78 per cent. Monthly mean dew point, 37. Number of clear days, 13. Number of fair days, 9. Number of cloudy days, 9.

Notes.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVII. No. 4.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
R. S. GOODWIN, M.D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF APRIL, 1903.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of April, 1903 and a Statement of the Births and Marriages for the Month of March, 1903.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in Mar.	Still Births in Mar.	Marriages in Mar.	Total Deaths in Apr.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	25	---	3	18	17.0	3	4	38.8	---	---	1	1	---	1	---	---	---	---	---	1	---	2	---	---	2	2	1	7
Branford,	5,706	14	---	2	7	14.7	1	3	57.1	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	1	1	1	---	2
Bridgeport,	70,996	152	10	27	85	14.0	16	4	23.5	---	---	3	1	---	2	3	1	---	---	---	1	---	6	14	2	4	8	7	33
Bristol,	9,643	9	2	2	22	27.3	2	2	18.1	---	---	---	1	---	---	1	---	8	---	---	---	1	1	1	---	2	2	1	4
Danbury,	19,474	28	---	5	24	14.7	5	1	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	4	---	2	5	4	---	9
Derby,	7,930	14	1	1	12	18.1	2	---	16.6	---	---	---	---	---	---	1	---	---	---	---	---	---	2	2	---	---	---	1	6
East Hartford,	6,406	8	1	3	14	26.2	3	1	28.5	---	1	---	---	---	---	1	---	---	---	---	---	---	---	4	1	1	---	---	6
Enfield,	6,699	13	1	2	8	14.3	2	---	25.0	---	---	---	1	---	---	---	---	---	---	---	1	---	2	---	2	---	---	---	2
Greenwich,	12,172	9	---	1	15	14.7	1	2	20.0	---	---	---	2	---	---	---	---	1	---	---	---	---	3	---	---	2	1	1	5
Groton,	5,962	11	--	3	8	16.1	1	1	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	2	1	---	4
Hartford,	79,850	161	13	35	111	13.2	12	11	20.7	---	---	5	2	---	3	---	1	3	---	---	1	---	16	19	---	7	7	6	41
Huntington,	5,572	13	---	---	7	15.0	---	1	14.2	---	---	---	1	---	---	---	---	---	---	---	---	---	2	1	---	1	---	---	2
Killingly,	6,835	9	1	3	4	7.0	1	---	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	2	---	1
Manchester,	10,601	29	---	5	9	10.1	1	2	33.3	---	---	1	---	---	---	---	---	---	---	---	---	---	1	1	2	2	---	---	2
Meriden,	28,695	66	2	3	31	12.9	3	6	29.0	---	1	---	3	---	---	4	1	---	---	---	1	---	3	3	2	1	3	---	9
Middletown,	17,486	37	2	4	40	21.2	6	5	27.5	---	4	---	---	---	1	---	---	---	---	---	---	1	2	9	1	5	7	---	10
Naugatuck,	10,541	27	---	3	9	10.2	4	1	55.5	---	---	---	---	---	1	1	---	---	1	---	---	---	---	1	---	---	2	---	3
New Britain,	28,202	72	3	8	46	19.5	12	6	39.1	---	1	---	3	---	---	2	---	---	---	---	1	---	5	5	3	3	4	---	19
New Haven,	108,027	258	13	48	163	17.3	23	20	26.3	---	6	3	2	---	---	3	---	2	---	---	---	2	16	26	7	16	18	6	56
New London,	17,548	42	1	11	32	21.8	8	1	28.1	---	---	---	3	---	1	---	---	---	---	---	---	---	2	1	1	1	2	6	15
Norwalk,	19,932	24	1	7	25	15.0	2	---	8.0	---	---	---	---	---	---	---	---	1	---	---	---	---	---	3	---	3	3	3	12
Norwich,	24,637	48	2	7	34	16.5	5	3	23 2	---	---	---	2	---	1	---	---	---	---	---	1	---	1	2	---	5	3	2	17
Orange,	6,995	12	---	2	4	6.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	1	---	1
Putnam,	7,348	13	1	7	12	19.5	3	---	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	1	3	---	---	1	---	7
Southington,	5,890	19	---	1	11	22.4	5	1	54.5	---	---	---	---	---	1	3	---	---	---	---	---	---	1	1	---	---	1	---	4
Stamford,	18,839	37	---	5	29	18.4	2	4	20.6	---	---	1	---	---	1	---	1	1	---	---	---	---	---	2	1	5	4	2	11
Stonington,	8,540	23	1	4	12	16.8	1	1	16.6	---	1	1	---	---	---	1	---	---	---	---	---	---	---	1	1	5	1	---	1
Thompson,	6,442	11	---	2	11	20.4	3	2	45.4	---	---	---	---	---	---	---	---	---	1	---	1	---	1	2	2	1	1	1	1
Torrington,	12,453	26	2	6	13	12.5	6	---	46.1	---	---	---	---	---	---	---	---	---	---	---	---	---	1	5	---	---	1	2	4
Vernon,	8,483	10	1	1	12	16.9	4	1	41.6	---	---	---	1	---	---	---	---	---	---	---	---	---	1	2	---	---	1	---	7
Wallingford,	9,001	20	1	1	14	18.6	3	2	35.7	---	---	3	---	---	---	---	---	---	---	---	---	---	2	2	---	1	1	1	4
Waterbury,	51,139	129	5	12	78	18.3	16	13	37.1	---	5	---	3	---	2	1	---	2	---	---	1	---	7	9	4	8	6	4	26
Winchester,	7,763	13	---	2	6	9.2	2	1	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	1	---	1	---	2
Windham,	10,137	27	1	6	11	13.0	---	1	9.0	---	---	---	2	---	---	---	---	---	1	---	---	---	1	1	1	---	2	---	3
Total of the 34 above towns,	668,616	1409	65	232	937	16.8	158	100	27.5	---	19	17	29	---	14	21	4	18	3	---	9	4	86	123	36	83	91	44	336
131 towns of less than 5,000 inhabitants,	233,679	385	16	61	307	15.7	51	22	23.7	---	8	11	12	---	2	4	2	2	---	1	1	2	25	39	12	25	42	14	105
Total reported from 165 towns,	902,295	1794	81	293	1244	16.5	209	122	26.6	---	27	28	41	---	16	25	6	20	3	1	10	6	111	162	48	108	133	58	441
Population of towns not reporting,	6,060																												

The Mortality in Public Institutions of the State were: in Bridgeport, 9; in Hartford, 47; in Middletown, 13; and in New Haven, 37. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in April; Andover, Ashford, Beacon Falls, Bethany, Bethlehem, Bozrah, Chaplin, Chester, Colebrook, East Granby, Granby, Hampton, Hartland, Hebron, Lyme, Newington, Preston, Prospect, Salem, Trumbull, Union, Voluntown, Warren, Woodbridge—24.

The Registrars of the following towns have made no report for April: Bolton, Cheshire, Windsor.

REMARKS.

By Mortality Reports received there were 1,244 deaths during the month of April. This was 177 less than in March, and 53 more than in April of last year, and 53 less than the average number of deaths in April for the five years preceding.

	1903	1902	1901	1900	1899	1898
January,	1418	1172	1439	1367	1565	1153
February,	1294	1124	1381	1261	1192	1026
March,	1421	1239	1441	1691	1221	1272
Total 1st quarter,	4133	3535	4261	4319	3978	3451
April.	1244	1191	1253	1678	1169	1197

The death-rate was 16.8 for the large towns, for the small towns 15.7, and for the whole State 16.5.

The deaths reported from infectious diseases, including diarrhœal, were 294, being 23.6 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Killingly, 1; New Britain (city), 1; Norwich (city), 17; Norwich (town), 4; Putnam, 8; Thompson, 3.—Total, 34 in 5 towns.

Measles.—Andover, 8; Ansonia, 3; Ashford, 16; Barkhamsted, 2; Berlin, 3; Bethel, 1; Bolton, 2; Branford, 2; Bristol, 30; Canterbury, 2; Chaplin, 12; Chatham, 25; Chester, 1; Cromwell, 41; Durham, 4; East Granby, 4; East Haddam, 5; East Hartford, 5; East Haven, 1; East Windsor, 2; Ellington, 12; Enfield, 2; Essex, 5; Farmington, 8; Franklin, 1; Granby, 3; Griswold, 11; Groton, 1; Guilford, 6; Hampton, 25; Hartford, 20; Huntington, 1; Jewett City (borough), 25; Lebanon, 1; Lyme, 2; Madison, 33; Manchester, 1; Mansfield, 18; Meriden (city), 15 (epidemic); Middletown, 25; New Britain (city), 6; New Haven, 23; New London, 2; Norwich (city), 40+; Norwich (town), 27; Old Lyme, 29; Old Saybrook, 5; Plainville, 3+; Pomfret, 6; Portland, 20+; Prospect, 1; Putnam, 20; Rockville (city), 40+; Scotland, 50; Somers, 14; Southington, 3; South Norwalk (city), 1; Stamford (city), 2; Suffield, 1; Thomaston, 1; Tolland, 11; Torrington, 3; Union, 18; Wallingford, 2; Waterbury, 49; Waterford, 1; Watertown, 5; Westbrook, 1; West Haven (borough), 2; Wethersfield, 8; Weston, 2; Westport, 8; Willimantic (city), 17; Willington, 6 (epidemic); Wilton, 2; Windham, 14; Windsor Locks (epidemic), Wolcott, 20.—Total 847+ in 74 towns.

Scarlet Fever.—Ansonia, 2; Ashford, 6; Berlin, 1; Bethel, 1; Bridgeport, 28; Bristol, 5; Burlington, 2; Canton, 3; Cheshire, 8; Colchester, 2; Danbury (city), 4; East Haddam, 4; East Hartford, 4; East Windsor, 7; Ellington, 1; Fairfield, 3; Groton, 5; Hartford, 69; Huntington, 2; Killingly, 1; Manchester, 22; Middletown, 1; Naugatuck, 26; New Britain (city), 5; New Britain (town), 1; New Canaan, 2; New Hartford, 1; New Haven, 32; New London, 4; New Milford, 2; North Branford, 1; North Haven, 1; Norwalk, 2; Norwich (city), 2; Plainfield, 2; Plainville, 3; Plymouth, 5; Rockville (city), 2; Seymour, 7; Shelton (borough), 2; Southbury, 2; South Norwalk (city), 7; South Windsor, 3; Stamford (city), 3; Stratford, 1; Suffield, 9; Thompson, 1; Tolland, 1; Wallingford, 12; Waterbury, 14; Watertown, 4; Westport, 1; Winchester, 3; Windsor, 1; Windsor Locks, 1; Winsted (borough), 5.—Total, 349 in 54 towns.

Diphtheria and Croup.—Ansonia, 7; Bethel, 1; Bridgeport, 11; Colchester, 2; Danbury (city), 1; Fairfield, 1; Farmington, 2; Hamden, 5; Hartford, 11; Jewett City (borough), 1; Litchfield, 1; Manchester, 1; Middletown, 4; Naugatuck, 2; New Britain (city), 5; New Haven, 7; New London, 4; Norwalk (city), 1; Norwich (city), 2; Plainfield, 1; Rocky Hill, 1; Rockville (city), 1; Southington, 1; Stamford (city), 5; Stratford, 1; Suffield, 1; Torrington, 1; Wallingford, 6; Waterbury, 5; Winsted (borough), 1.—Total, 93 in 30 towns.

Whooping Cough.—Ansonia, 1; Bethany, 8; Bridgeport, 4; Bristol, 10; Cheshire, 1; Chester, 4; East Hartford, 5; Ellington, 3; Greenwich, 2; Griswold, 10; Guilford (epidemic); Hartford, 1; Jewett City (borough), 20; Litchfield, 7+; Mansfield, 1; Middletown (epidemic); Norfolk, 3; Norwich (city) (many cases); Old Saybrook, 10+; Plainville, 5+; Scotland, 5; Shelton (borough), 1; Simsbury, 12; Somers, 4; Southington (many cases); South Windsor, 3; Stratford (?); Suffield, 5; Thomaston, 4+; Windsor, 1; Woodbury, 2.—Total 132+ in 30 towns.

Typhoid Fever.—Bridgeport, 3; Bristol, 21; Greenwich, 1; Huntington, 1; Lebanon, 1; Milford, 1; Naugatuck, 1; New Haven, 9; Newington, 1; New London, 1; Norwalk (city), 2; Norwich (city), 1; Plainfield, 1; Thomaston, 1; Wallingford, 1; Waterbury, 4; Willington, 1; Windham, 1.—Total, 52 in 18 towns.

The epidemic in Bristol is over. No new cases in fifteen days.

Consumption.—Bridgeport, 5; Chatham, 1; Mansfield, 1; Milford, 1; Plainfield, 1; South Norwalk (city), 1; Watertown, 1; Windham, 1.—Total, 12 in 8 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Beacon Falls, Bethlehem, Bloomfield, Brookfield, Brooklyn, Canaan, Clinton, Colebrook, Columbia, Cornwall, Coventry, Danbury, Danielson (borough), Darien, Eastford, East Lyme, Easton, Glastonbury, Goshen, Hartland, Harwinton, Hebron, Kent, Killingworth, Ledyard, Lisbon, Marlborough, Meriden, Middlebury, Monroe, Montville, Morris, New Fairfield, Newtown, North Canaan, North Stonington, Orange, Oxford, Preston, Redding, Ridgefield, Roxbury, Salem, Salisbury, Saybrook, Sharon, Sherman, Stafford, Stafford Springs (borough), Stamford, Sterling, Stonington (town and borough), Trumbull, Vernon, Voluntown, Warren, West Hartford, Woodbridge, Woodstock.—Total, 58.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Barkhamsted, 1; Cromwell, 3; Ellington, 1; Essex, 1; Scotland, 1; Windsor Locks, 1.—Total, 8.

Scarlet Fever.—East Haddam, 2; East Windsor, 2; Fairfield, 1; Middlebury, 1; New Milford, 1; Plymouth, 1; Suffield, 1; Watertown, 1; Westport, 1.—Total, 11.

La Grippe.—Berlin, 1; Franklin, 1; Hamden, 1; Harwinton, 1; New Milford, 1; Norfolk, 1; Salisbury, 1; Simsbury, 1; Sterling, 1; Suffield, 1, Woodstock, 2.—Total, 12.

Diphtheria and Croup.—Litchfield, 1; Plainfield, 1.—Total, 2.

Whooping Cough.—East Windsor, 1; Old Saybrook, 1; Simsbury, 2.—Total, 4.

Typhoid Fever.—Milford, 1; Plainfield, 1.—Total, 2.

Consumption.—Bethel, 1; Chatham, 1; Eastford, 1; Farmington, 1; Hamden, 1; Mansfield, 1; New Canaan, 2; Newtown, 1; Old Lyme, 1; Plainfield, 2; Plymouth, 1; Rocky Hill, 1; Saybrook, 1; Simsbury, 3; Stafford, 1; Stratford, 1; Waterford, 1; Watertown, 2; Weston, 1; Woodbury, 1.—Total, 25.

All the Health Officers of Fairfield, Windham and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

Hartford Co.—Avon.
New Haven Co.—Derby.
New London Co.—Sprague.
Litchfield Co.—Bridgewater, Washington.
Middlesex Co.—Haddam, Middlefield.

GARBAGE.

The time is at hand when the health officers get increasingly frequent complaints of the neglect of garbage collectors, of malodorous garbage carts, and of the far-reaching and disgusting stench from the pens of garbage-fed hogs.

When towns and cities like Hartford, New Haven and other places make contracts for the collection of garbage but two or three times a week from private houses, during hot weather, to be fed to swine, they make most effectual provision, deliberately and directly, for the creation of two well known dangers to public health, to wit: the wide spread pollution of the atmosphere in populous communities and the production of diseased meat for human food.

The chemist can scarcely devise a more rapid method of hastening the process of putrefaction than the common practice of keeping wet organic matter in a high temperature, shut off from air and light, as garbage is usually kept until dumped into the hog pens.

Garbage is defined as the refuse materials from kitchen cookery. Whatever part of it is edible is not unwholesome food for animals, when properly used. The farmer feeds his hogs from his swill barrel two or three times a day while fresh, and they thrive upon such nutriment. But our city fathers, whose ideas of economy blind them to other considerations, make regulations which oblige citizens to submit their garbage to conditions which ensures the destruction of the food qualities of a large part of it; not only that, but it is also so managed that the fresh garbage shall be so intimately mixed with that which is putrid that the whole is destroyed for any useful purpose.

Such practically are the terms (though not so expressed) upon which contracts for the public collection of garbage are too often made.

It is the uniform experience of all communities, that no satisfactory disposal of garbage has been discovered except while it is fresh. The presence of putrescent garbage is always unsanitary.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, April 15, 1903.

METEOROLOGICAL REPORT FOR THE MONTH OF APRIL, 1903.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.						PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.							
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.89	30.04	47	49	49	56	42	14	69	45	NW	9	N	6	214	22	.0	Clear	Clear	Clear
2	30.21	29.96	42	48	45	54	36	18	62	83	SE	6	SE	12	261	23	.0	Clear	Cloudy	Clear
3	29.72	29.46	52	53	54	59	50	9	90	86	SW	19	SW	20	386	25	.06	Cloudy	Clear	Cloudy
4	29.44	29.80	52	29	41	55	27	28	96	66	SW	8	N	22	386	32	.27	Light Rain	Cloudy	Cloudy
5	30.20	30.37	28	37	32	40	25	15	42	40	NW	18	N	4	314	30	.0	Clear	Clear	Clear
6	30.50	30.36	35	40	35	43	27	16	45	75	E	9	SE	9	234	21	.0	Clear	Partly Cl'dy	Partly Cl'dy
7	30.12	29.96	46	50	46	51	42	9	97	93	S	9	SW	12	278	24	.39	Light Rain	Cloudy	Cloudy
8	29.93	29.66	49	46	48	51	45	6	100	97	NE	6	N	18	245	33	.95	Light Rain	Light Rain	Cloudy
9	29.93	29.85	48	47	54	63	44	19	77	93	W	14	N	3	258	25	.17	Clear	Cloudy	Clear
10	29.92	30.09	49	52	52	60	44	16	83	69	N	12	N	6	237	26	.02	Cloudy	Partly Cl'dy	Partly Cl'dy
11	30.15	30.06	47	53	50	59	42	17	62	39	N	12	N	6	232	16	T	Clear	Cloudy	Clear
12	29.99	29.81	41	49	48	55	41	14	61	64	N	8	SW	4	194	15	T	Light Rain	Clear	Partly Cl'dy
13	29.89	29.92	45	43	48	54	41	13	74	77	NE	15	E	13	319	24	.0	Partly Cl'dy	Clear	Clear
14	29.85	29.74	43	42	43	46	40	6	92	76	NE	22	NE	25	535	38	.69	Cloudy	Cloudy	Cloudy
15	29.57	29.60	42	42	42	45	40	5	100	88	NE	26	NE	24	654	50	.65	Cloudy	Light Rain	Cloudy
16	29.60	29.60	39	41	40	42	38	4	79	80	N	27	N	19	567	40	.01	Cloudy	Cloudy	Cloudy
17	29.60	29.66	46	47	46	53	40	13	65	40	N	20	N	11	463	46	T	Clear	Clear	Partly Cl'dy
18	29.65	29.73	48	44	50	60	39	21	60	44	W	8	N	18	319	50	.0	Clear	Clear	Clear
19	29.79	29.72	44	54	48	60	36	24	48	33	W	12	W	3	228	24	.0	Clear	Clear	Clear
20	29.75	29.66	49	54	48	60	35	25	54	49	W	4	SW	4	166	23	.0	Clear	Clear	Clear
21	29.69	29.69	47	49	49	60	38	22	50	48	NE	8	N	15	290	20	.0	Clear	Clear	Clear
22	29.75	29.83	44	50	46	54	37	17	53	67	NE	13	N	2	185	18	.0	Clear	Cloudy	Partly Cl'dy
23	29.91	29.91	47	50	48	57	38	19	59	52	NE	8	SE	2	122	14	.0	Clear	Clear	Partly Cl'dy
24	29.96	29.94	50	54	54	63	45	18	62	70	N	6	SW	7	162	17	T	Partly Cl'dy	Clear	Partly Cl'dy
25	30.00	30.01	51	53	53	59	47	12	68	69	N	3	SW	4	170	16	.0	Partly Cl'dy	Clear	Clear
26	30.11	30.02	47	52	49	57	41	16	41	63	NE	12	NE	5	220	21	.0	Clear	Cloudy	Clear
27	30.11	30.18	52	52	54	66	43	23	60	71	NE	7	S	12	232	29	.0	Clear	Clear	Clear
28	30.26	30.12	55	68	57	74	40	34	54	28	NE	8	NW	7	179	15	.0	Clear	Clear	Clear
29	30.08	30.01	66	76	68	84	53	31	36	41	W	5	N	7	201	25	.0	Clear	Clear	Clear
30	30.01	29.78	70	65	68	77	58	19	51	48	W	2	SW	9	169	17	.0	Clear	Clear	Clear
Month Ave's.	29.92	29.88	47	50	49	57	40	17	66	63	NE	11	N	10	281	50	2.61			

SUMMARY.

BAROMETER.

Monthly Mean, 29.90 inches.

Highest, 30.50 in.; Date, 6.

Lowest, 29.44 in.; Date, 4.

Monthly range, 1.06 inches.

TEMPERATURE.

Monthly Mean, 49 degrees.
Highest, 84 degrees; Date, 29.
Lowest, 25 degrees; Date, 5.
Absolute range, 59 degrees.
Greatest daily range, 34 degrees; Date, 28.
Least daily range, 4 deg.; Date, 16.
Mean daily range, 17 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 530 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 11 miles.
Max. velocity and direction, 40 N.; Date, 17.
Total monthly movement, 8,420 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 13.
*Greatest 24 hour precipitation, (in. and 100ths), 97; Date, 7-8.
Total monthly precipitation, (in. and 100ths), 2.61 in.
Total depth of snowfall (inches and 10ths), 0.1 in.
Date of thunder storms, 0.
Accumulated deficiency of precipitation since Jan. 1st, 1.29 inches.

COMPAR. TEMP. (Mon. Mean.)

1873	44 deg.	1889	49 deg.
1874	39 "	1890	47 "
1875	42 "	1891	49 "
1876	46 "	1892	47 "
1877	48 "	1893	45 "
1878	52 "	1894	47 "
1879	45 "	1895	46 "
1880	48 "	1896	48 "
1881	44 "	1897	48 "
1882	44 "	1898	45 "
1883	44 "	1899	47 "
1884	46 "	1900	48 "
1885	46 "	1901	46 "
1886	49 "	1902	48 "
1887	46 "	1903	49 "
1888	43 "		

COM. RAINFALL. (Inches and 100ths.)

1873	4.95	1889	4.01
1874	7.89	1890	2.39
1875	3.28	1891	2.35
1876	7.65	1892	1.31
1877	3.44	1893	3.84
1878	5.08	1894	2.24
1879	6.08	1895	3.11
1880	3.69	1896	1.19
1881	1.71	1897	2.44
1882	1.55	1898	4.43
1883	2.23	1899	1.79
1884	2.36	1900	1.95
1885	2.31	1901	9.03
1886	3.21	1902	3.40
1887	2.72	1903	2.61
1888	2.57		

Monthly mean humidity, 65 per cent. Monthly mean dew point, 36. Number of clear days, 16. Number of fair days, 7. Number of cloudy days, 7.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XVII. No. 5.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
R. S. GOODWIN, M.D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MAY, 1903.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of May, 1903 and a Statement of the Births and Marriages for the Month of April, 1903.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in Apr.	Still Births in Apr.	Marriages in Apr.	Total Deaths in May.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	29	----	4	15	14.3	2	3	33.3	----	----	1	----	----	3	----	----	----	----	----	1	----	2	----	----	----	1	----	7
Branford,	5,706	5	----	4	5	10.5	----	1	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	1	----	2
Bridgeport,	70,996	150	7	57	116	19.4	26	5	26.7	----	1	1	----	----	2	1	1	1	----	----	2	----	17	14	5	9	16	2	44
Bristol,	9,643	16	----	9	20	24.8	1	5	30.0	----	1	1	1	----	----	1	----	3	----	----	----	1	1	2	----	1	2	3	3
Danbury,	19,474	38	----	15	18	11.0	1	----	5.5	----	----	----	----	----	1	----	----	----	----	----	----	----	3	3	1	3	3	----	4
Derby,	7,930	19	1	3	13	19.6	4	2	15.4	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	----	3	2	----	6
East Hartford,	6,406	13	3	4	9	15.2	3	----	33.3	----	----	----	----	----	----	----	----	----	----	----	1	----	2	1	----	1	1	----	3
Enfield,	6,699	21	1	14	13	23.2	2	1	23.0	----	----	----	2	----	1	----	----	----	----	----	----	1	1	1	1	2	1	----	3
Greenwich,	12,172	21	----	7	14	12.8	3	1	30.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	1	2	1	1	6
Groton,	5,962	13	1	4	10	20.1	2	----	20.0	----	----	----	1	----	----	----	----	----	----	----	----	----	1	2	----	----	2	----	4
Hartford,	79,850	173	3	74	108	14.7	21	3	22.2	----	----	2	1	1	2	----	1	----	----	1	5	1	9	9	2	9	3	6	56
Huntington,	5,572	10	----	1	6	12.9	2	----	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	4
Killingly,	6,835	11	----	2	6	10.5	2	1	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	3	----	2
Manchester,	10,601	15	1	10	11	12.4	2	----	18.1	----	----	1	----	----	----	----	----	1	----	----	----	----	1	----	----	2	1	----	5
Meriden,	28,695	61	1	14	26	10.8	4	----	15.3	----	----	----	----	----	----	----	----	----	----	----	----	----	4	5	2	5	2	----	8
Middletown,	17,486	14	1	13	29	15.7	4	4	27.5	----	----	----	----	1	1	----	1	----	----	----	----	1	5	2	2	3	5	1	7
Naugatuck,	10,541	28	2	9	11	12.5	4	----	36.3	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	1	1	1	6
New Britain,	28,202	89	4	18	49	20.8	12	9	42.8	--	6	1	----	----	4	2	1	----	----	----	2	----	4	2	1	7	2	1	16
New Haven,	108,027	248	8	103	161	17.2	25	24	30.4	----	7	3	----	----	----	4	2	----	----	----	3	1	20	21	6	17	16	14	47
New London,	17,548	33	2	20	28	19.1	6	1	25.0	----	----	----	1	----	----	1	----	1	----	----	1	----	2	2	----	4	1	3	12
Norwalk,	19,932	35	3	15	26	15.6	2	5	26.9	----	----	3	3	----	1	1	----	----	----	1	----	----	----	2	1	1	1	5	7
Norwich,	24,637	45	2	20	39	18.9	4	2	15.3	----	3	----	1	----	----	2	----	----	----	----	----	----	2	2	1	2	5	2	19
Orange,	6,995	10	2	3	10	17.1	2	----	20.0	----	----	----	----	----	----	1	----	----	----	----	1	1	2	1	----	1	2	1	----
Putnam,	7,348	17	1	8	8	13.0	----	2	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	3	----	1	1
Southington,	5,890	16	----	1	8	16.2	1	----	12.5	----	1	----	----	----	----	1	----	----	----	----	----	----	----	1	----	2	----	1	2
Stamford,	18,839	31	1	15	26	17.1	3	5	29.6	----	----	----	2	----	----	----	----	----	----	----	----	----	3	2	----	7	----	3	9
Stonington,	8,540	14	----	6	7	9.8	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	1	----	----	----	----	2	2
Thompson,	6,442	9	1	4	8	14.9	2	----	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	1	2	----	----	2
Torrington,	12,453	29	7	8	8	7.7	2	3	62.5	----	----	----	----	----	----	1	----	----	----	----	----	----	----	2	----	3	----	2	----
Vernon,	8,483	7	3	2	12	16.9	----	2	16.6	----	----	----	2	----	----	1	----	----	----	----	----	----	----	----	1	----	3	3	3
Wallingford,	9,001	15	1	5	12	15.9	2	----	16.6	----	----	----	----	----	1	1	----	----	----	----	----	----	2	1	----	1	2	1	3
Waterbury,	51,139	125	2	57	83	19.4	25	9	40.9	----	9	2	----	1	1	2	----	1	----	----	2	3	4	10	7	7	4	5	25
Winchester,	7,763	10	----	6	9	13.9	2	1	33.3	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	2	1	1	4
Windham,	10,137	14	1	13	15	17.7	1	----	6.6	----	1	----	2	----	----	----	----	----	----	----	----	----	1	1	----	----	2	1	7
Total of the 34 above towns,	668,616	1384	59	548	939	16.8	172	89	27.7	...	29	15	17	3	17	20	6	8	...	2	20	10	91	94	32	101	84	62	328
133 towns of less than 5,000 inhabitants,	237,725	317	14	118	325	16.4	40	17	17.7	...	9	6	5	2	2	6	2	1	2	...	1	3	31	35	6	46	31	23	124
Total reported from 167 towns,	906,341	1701	73	666	1264	16.7	212	106	25.2	-	38	21	22	5	19	26	8	9	2	2	21	13	112	129	38	147	115	85	452
Population of town not reporting,	2,014																												

The Mortality in Public Institutions of the State were: in Bridgeport, 12; in Hartford, 33; in Middletown, 7; and in New Haven, 36. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in May; Andover, Beacon Falls, Bethany, Bethlehem, Bolton, Bozrah, Bridgewater, Colebrook, Eastford, Franklin, Kent, Lisbon, Marlborough, Morris, Old Lyme, Prospect, Scotland, Sherman, Voluntown, Warren –20.

The Registrar of South Windsor has made no report for May.

REMARKS.

By Mortality Reports received there were 1,264 deaths during the month of May. This was 20 more than in April, and 164 more than in May of last year, and 156 more than the average number of deaths in May for the five years preceding.

	1903	1902	1901	1900	1899	1898
January,	1418	1172	1439	1367	1565	1153
February,	1294	1124	1381	1261	1192	1026
March,	1421	1239	1441	1691	1221	1272
Total 1st quarter,	4133	3535	4261	4319	3978	3451
April,	1244	1191	1253	1678	1169	1197
May,	1264	1100	1050	1230	1025	1138

The death-rate was 16.8 for the large towns, for the small towns 16.4, and for the whole State 16.7.

The deaths reported from infectious diseases, including diarrhœal, were 298, being 23.5 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Hartford, 20; Norwich (city), 4; Norwich (town), 2; Putnam, 14; Stamford (city), 1; Thompson, 1.—Total, 42 in 5 towns.

Measles.—Ansonia, 1; Ashford, 2; Avon, 2; Bozrah, 1+; Branford, 12; Bridgeport, 12; Bridgewater, 1; Bristol, 31; Canterbury, 2; Canton, 1; Chaplin, 21; Cheshire, 3; Chester, 2; Clinton, 3; Columbia, 5; Coventry, 5; Cromwell, 4; Derby, 1; Durham, 5; East Granby, 14; East Hartford, 1; East Windsor, 8; Ellington, 5; Enfield, 1; Essex, 41; Farmington, 2; Greenwich, 1; Griswold, 12; Guilford, 2; Hampton, 15; Hartford, 18; Hartland, 1; Huntington, 1; Jewett City (borough), 8; Madison 57; Manchester, 2; Mansfield, 4; Meriden (city), 24; Meriden, (town) 3; Middletown, 10; Milford, 4; Naugatuck, 19+; New Britain (city), 17; New Canaan, 1; New Hartford, 5; New Haven, 85; New London, 25; North Branford (a few cases); North Haven, 1; Norwalk, 1; Norwich (city), 50+; Norwich (town), 9; Old Lyme, 4; Plainville, 25+; Pomfret, 1; Portland, 10+; Prospect, 7; Putnam, 12; Rockville (city), 25+; Roxbury, 5; Saybrook 21; Scotland, 30; Seymour, 3; Somers, 28; Southington, 40; South Norwalk (city), 1; Sprague, 5; Stamford (city), 1; Stonington, 2; Stratford, 1; Suffield, 5; Tolland, 4; Torrington (town and borough), 25; Union, 2; Vernon, 10; Wallingford, 26; Washington, 7; Waterbury, 11; Watertown, 12; Westbrook, 5; West Hartford, 1; West Haven (borough), 1; Westport, 40; Wethersfield, 4; Willimantic (city), 28; Willington, 3; Windham, 9; Windsor, 5; WindsorLocks (several cases); Winsted (borough), 1; Wolcott, 1; Woodbury, 3.—Total 985+ in 86 towns.

Cerebro-Spinal Fever.—Putnam, 1; Waterbury, 1.—Total, 2 in 2 towns.

Scarlet Fever.—Ansonia, 4; Berlin, 1; Bozrah, 1; Branford, 1; Bridgeport, 23; Bristol, 3; Canton, 3; Colchester (town and borough) 12; Danbury (city), 2; Darien, 1; Derby, 21; East Granby, 2; East Haddam, 5; East Lyme, 4; Ellington, 1; Enfield, 1; Fairfield, 1; Greenwich, 2; Groton, 2; Hamden, 2; Hartford, 24; Harwinton, 1; Huntington, 1; Kent, 1; Lebanon, 1; Manchester, 17; Middlebury, 1; Middletown, 15; Naugatuck, 16; New Britain (city), 6; New Britain (town), 1; New Hartford, 4; New Haven, 10; New London, 11; New Milford, 3; Norwalk (city), 2; Norwalk (town), 4; Norwich (city), 2; Seymour, 1; Shelton (borough), 2; Simsbury, 2; Southbury, 2; South Norwalk (city), 4; Sprague, 1; Stamford (city), 1; Stamford (town), 1; Stratford, 1; Suffield, 1; Thompson, 4; Torrington (town and borough), 2; Wallingford, 9; Waterbury, 12; West Hartford, 1; West Haven (borough), 4; Westport, 3; Windsor, 6; Winsted (borough), 2; Woodbury, 5; Woodstock, 1.—Total, 268 in 54 towns.

Diphtheria and Croup.—Ansonia, 7; Berlin, 1; Bridgeport, 15; Colchester (town and borough), 3; Danbury (city), 2; Derby, 3; East Hartford, 1; Enfield, 2; Fairfield, 1; Glastonbury, 1; Greenwich, 1; Groton, 1; Hartford, 7; Manchester, 4; Meriden (city), 3; Middletown, 6; Milford, 1; Naugatuck, 3; New Britain (city), 11; New Britain (town), 2; New Haven, 12; Norwalk (city), 5; Norwalk (town), 1; Norwich (city), 2; Portland, 2; Redding, 1; Roxbury, 1; Seymour, 1; Shelton (borough), 1; South Norwalk (city), 2; Suffield, 1; Torrington, 1; Wallingford, 6, Waterbury, 3; Watertown, 1; Weston, 1; Wilton, 2; Windsor, 2.—Total; 120 in 35 towns.

Whooping Cough.—Ansonia, 2; Avon, 1; Bridgeport, 4; Cheshire, 6; Clinton, 2; Derby, 3; East Hartford, 2; East Windsor (epidemic); Farmington, 6; Griswold, 6; Hartford, 2; Jewett City (borough), 12; Litchfield (town and borough), 30+; Mansfield, 4; Middletown (epidemic); Norwich (city) (many cases); Plainville, 20+; Prospect, 2; Shelton (borough), 1; Somers, 5; Southington (epidemic); Stamford (city), 3; Stratford 30+; Suffield, 4; Thomaston, 47 Thompson, 1; Tolland, 5; Westbrook, 2; Weston, 1.—Total 158+ in 28 towns.

Typhoid Fever.—Ansonia, 1; Bethel, 2; Bridgeport, 2; Bristol, 1; East Windsor, 1; Greenwich, 3; Groton, 2; Hartford, 4; New Haven, 4; Norwich, 2; Stonington, 1; Thompson, 1; Voluntown, 1; Waterbury, 1; West Haven (borough), 1; Windsor Locks, 1.—Total, 28 in 16 towns.

Consumption.—Branford, 2; Bridgeport, 5; Hartford, 1; Naugatuck, 1; Norfolk, 1; Oxford, 1; Roxbury, 1; Southbury, 2; South Norwalk (city), 1; Thompson, 1; West Hartford, 1.—Total, 17 in 11 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Barkhamsted, Beacon Falls, Bethany, Bethlehem, Bloomfield, Bolton, Brookfield, Brooklyn, Burlington, Canaan, Chatham, Colebrook, Cornwall, Danbury, Danielson (borough), Eastford, East Haven, Easton, Franklin, Goshen, Granby, Hebron, Killingly, Killingworth, Ledyard, Lisbon, Lyme, Marlborough, Monroe, Montville, Morris, New Fairfield, Newington, Newtown, North Canaan, North Stonington, Old Saybrook, Orange, Plainfield, Preston, Ridgefield (town and borough), Rocky Hill, Salem, Salisbury, Sherman, South Windsor, Stafford, Stafford Springs (borough), Sterling, Stonington (borough), Trumbull, Warren, Winchester, Woodbridge.—Total, 53.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Berlin, 1; Hampton, 1; Mansfield, 1; Plainville, 1; Somers, 1; Westbrook, 1; West Hartford, 1; Weston, 1; Willington, 1.—Total, 9.

Scarlet Fever.—East Haddam, 2; East Lyme, 1; Windsor, 3.—Total, 6.

La Grippe.—Barkhamsted, 1; Columbia, 1; Hebron, 1; Oxford, 1; Southbury, 1.—Total, 5.

Cerebro-Spinal Fever.—Avon, 1; Windsor Locks, 1.—Total, 2.

Diphtheria and Croup.—Glastonbury, 1; Wilton, 1.—Total, 2.

Whooping Cough.—East Granby, 1; Ellington, 1; New Hartford, 1; Portland, 1; Sprague, 1; Stratford, 1.—Total, 6.

Typhoid Fever.—Sprague, 1.

Consumption.—Canterbury, 2; Canton, 1; Colchester, 1; Darien, 1; Glastonbury, 1; Guilford, 1; Hamden, 1; Killingworth, 1; Lyme, 1; New Hartford, 1; Newtown, 1; North Stonington, 1; Pomfret, 1; Ridgefield, 1; Salisbury, 1; Southbury, 2; Stafford, 1; Stratford, 1; West Hartford, 1.—Total, 21.

All the Health Officers of Hartford, New Haven, Fairfield, Windham and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

New London Co.—Waterford.

Litchfield Co.—Plymouth, Sharon.

Middlesex Co.—Haddam, Middlefield.

SEASONAL DISEASES.—Pneumonia.

During the past five months of the present year pneumonia is remarkably conspicuous as the cause of a larger mortality than any other disease. In former years consumption has exceeded all other diseases as a destroyer of life, but in recent times pneumonia is rapidly taking the lead.

In the present year, from January to May inclusive, the deaths from these two diseases were as follows: consumption, 570; pneumonia, 845. This changed relation of these two most fatal maladies is true not only of Connecticut, but generally in other states where vital statistics are carefully kept. Doubtless one reason for its prevalence is that people do not recognize its infectious nature and take no precautions to prevent its spread.

Infantile Diarrhœa.

The largest mortality in the next three months will fall upon a quite different class of victims. During the three months of July, August and September of last year more than 600 infants perished in Connecticut from diarrhœa, most of which were bottle-fed babies or in other ways the victims of improper feeding. The mother who can nurse her baby, but who for selfish reasons refuses to do so, is often guilty of the horrible crime of infanticide. The natural nourishment of the human offspring during the first year of life is found only at the mother's breast. No addition to or substitute for this can ever be made without risk of disturbance of digestion and intestinal irritation. While this statement is always true, it is most emphatically so during hot weather.

A nursing baby (the mother being healthy) is immune to summer diarrhœa, if no other food is given it than that provided by nature. The health of the mother is important. She must be well nourished, not over-worked, temperate, of regular habits, not exposed to excessive worry or to strong excitement.

During the next three or four months any deviation whatever from rigid restriction to the breast milk will be attended with danger to the young infant.

Unfortunately all mothers are not healthy and often cannot nurse their babies. In such cases the best substitute is *good* cow's milk. But it is again unfortunate that *good* milk is so often difficult to get. As it is sold to consumers in our towns and cities it is generally from 24 to 48 hours old or even older. Any exposure to the air ensures absorption of germs which rapidly multiply, so that the longer since the milking the worse the quality of the milk.

Pasteurized milk is to be preferred because that process kills the disease germs. Apparatus for Pasteurizing milk can be obtained from any druggist with printed instructions for using it. A separate bottle of milk should be provided for each feeding and not opened until it is ready to be used. A fresh bottle for each feeding. Never give the baby the remnant from a previous bottle. Give the most scrupulous attention to cleaning the bottles. The "summer complaint" can be produced in any infant by using dirty bottles and bad milk. The most dangerous appendage to the bottle is the rubber tube. It should *never* be used. It is impossible to keep it clean.

On the first appearance of diarrhœa in an infant, stop absolutely feeding milk and send for your physician.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, June 15, 1903.

METEOROLOGICAL REPORT FOR THE MONTH OF MAY, 1903.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date	Barometer.†		Temperature.‡						Relative Humidity.‖		Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and tooths.	8 A. M.	8 P. M.	
1	30.06	30.35	45	37	44	51	37	14	51	49	N W	20	N	9	359	40	.0	Partly Cl'dy	Clear	Clear
2	30.53	30.45	40	40	42	49	34	15	57	81	N E	13	S E	11	308	23	.0	Clear	Clear	Clear
3	30.35	30.20	44	46	46	53	39	14	72	80	E	8	N E	2	221	22	T	Cloudy	Cloudy	Clear
4	30.15	30.17	51	51	56	63	48	15	94	86	N E	6	S	12	139	20	.04	Cloudy	Partly Cl'dy	Partly Cl'dy
5	30.19	30.14	52	50	57	66	48	18	70	59	N	18	N	3	265	23	.0	Partly Cl'dy	Cloudy	Clear
6	30.17	30.10	54	51	58	66	50	16	64	75	N E	20	S	6	233	24	.0	Clear	Clear	Clear
7	30.01	30.04	55	51	53	60	46	14	65	84	S	3	S E	3	119	12	T	Clear	Clear	Partly Cl'dy
8	30.16	30.11	55	55	60	73	46	27	59	60	W	6	S W	7	187	14	.0	Clear	Clear	Clear
9	30.20	30.25	62	49	62	74	49	25	57	64	N E	11	E	10	229	29	.0	Clear	Clear	Clear
10	30.32	30.28	56	48	55	66	44	22	58	48	N E	3	S E	8	148	14	.0	Clear	Clear	Clear
11	30.34	30.29	58	50	54	66	41	25	51	65	N E	3	S E	7	139	14	.0	Clear	Clear	Clear
12	30.36	30.36	59	54	55	69	41	28	60	80	N E	3	S E	6	130	12	.0	Clear	Clear	Clear
13	30.36	30.19	57	55	56	68	45	23	69	77	S E	6	S W	6	153	15	.0	Clear	Threatening	Clear
14	30.07	29.97	57	56	63	75	51	24	80	62	S W	5	W	6	216	21	T	Clear	Clear	Clear
15	29.93	29.96	62	59	68	80	57	23	76	58	N W	3	N E	7	145	15	T	Partly Cl'dy	Clear	Clear
16	30.19	30.26	62	53	62	71	53	18	60	67	N E	15	S E	5	207	21	.0	Clear	Clear	Clear
17	30.25	30.12	57	54	63	78	48	30	80	53	S	6	S W	9	208	26	.0	Clear	Clear	Clear
18	30.16	29.97	67	64	71	87	55	32	71	51	S	3	W	6	119	13	.0	Clear	Clear	Clear
19	29.96	29.88	73	65	74	88	61	27	61	46	W	3	S W	8	130	15	.0	Partly Cl'dy	Partly Cl'dy	Clear
20	29.92	29.89	62	67	76	90	63	27	69	62	S W	7	N	8	122	20	.0	Clear	Clear	Clear
21	30.01	29.93	75	59	76	86	65	41	37	45	N	11	S W	6	193	16	T	Sprinkling	Clear	Partly Cl'dy
22	29.83	29.83	70	58	76	87	64	23	76	31	N	6	N	12	206	20	.01	Clear	Clear	Clear
23	30.02	30.01	60	48	64	76	51	25	58	24	N	7	N	7	232	20	.0	Cloudy	Cloudy	Cloudy
24	30.17	30.17	47	47	52	57	46	11	56	66	N	10	E	3	182	21	T	Clear	Clear	Clear
25	30.26	30.33	54	49	54	64	44	20	59	64	N E	11	S E	9	204	16	T	Clear	Clear	Clear
26	30.38	30.34	56	52	52	64	41	23	71	71	S E	12	S E	12	230	25	.0	Cloudy	Cloudy	Cloudy
27	30.28	30.19	59	58	61	67	55	12	86	79	S E	5	S	7	151	12	.0	Cloudy	Threatening	Partly Cl'dy
28	30.09	30.09	62	62	64	68	60	8	89	90	S	7	N W	6	193	16	.20	Cloudy	Partly Cl'dy	Clear
29	30.18	30.09	63	57	67	76	58	18	53	55	N	7	S W	6	146	13	.0	Clear	Clear	Partly Cl'dy
30	30.09	30.08	55	53	59	67	51	16	89	78	N E	15	W	5	191	20	.06	Cloudy	Clear	Partly Cl'dy
31	30.23	30.28	51	51	56	65	47	18	60	72	N E	10	S E	5	216	19	.0	Cloudy		
Month Ave's.	30.17	30.14	58	53	60	70	50	20	66	64	N E	8	S E	7	191	40	.31			

SUMMARY.

Barometer.

Monthly Mean, 30.16 inches.

Highest, 30.53 in.; Date, 2.

Lowest, 29.83 in.; Date, 22.

Monthly range, .70 inches.

Temperature.

Monthly Mean, 60 degrees.
Highest, 90 degrees; Date, 20.
Lowest, 34 degrees; Date, 2.
Absolute range, 56 degrees.
Greatest daily range, 32 degrees; Date, 18.
Least daily range, 8 deg.; Date, 28.
Mean daily range, 20 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 509 degrees.

Wind.

Prevailing direction, S.
Mean hourly velocity, 8 miles.
Max. velocity and direction, 33 N. W.; Date, 1.
Total monthly movement, 5,921 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 9.
*Greatest 24 hour precipitation, (in. and tooths), .20; Date, 28.
Total monthly precipitation, (in. and tooths), .31 in.
Total depth of snowfall (inches and tooths), .0 in.
Date of thunder storms, 14, 28.
Accumulated deficiency of precipitation since Jan. 1st, 4.63 inches.

Compar. Temp. (Mon. Mean.)

1873	56 deg.	1889	60 deg.
1874	56 "	1890	57 "
1875	57 "	1891	56 "
1876	58 "	1892	56 "
1877	58 "	1893	57 "
1878	57 "	1894	58 "
1879	59 "	1895	59 "
1880	64 "	1896	62 "
1881	58 "	1897	58 "
1882	51 "	1898	56 "
1883	57 "	1899	57 "
1884	56 "	1900	58 "
1885	55 "	1901	55 "
1886	57 "	1902	58 "
1887	61 "	1903	60 "
1888	59 "		

Com. Rainfall. (Inches and tooths.)

1873	6.27	1889	3.81
1874	4.92	1890	4.24
1875	2.71	1891	1.92
1876	3.12	1892	5.11
1877	2.14	1893	7.08
1878	2.75	1894	4.49
1879	3.22	1895	1.70
1880	1.24	1896	3.07
1881	3.89	1897	5.03
1882	5.05	1898	8.03
1883	4.52	1899	2.52
1884	3.32	1900	3.30
1885	2.61	1901	6.38
1886	2.74	1902	1.61
1887	0.18	1903	0.31
1888	6.03		

Monthly mean humidity, 65 per cent. Monthly mean dew point, 47. Number of clear days, 23. Number of fair days, 6. Number of cloudy days, 2.

Notes.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVII. No. 6.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
R. S. GOODWIN, M.D., THOMASTON.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JUNE, 1903.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of June, 1903 and a Statement of the Births and Marriages for the Month of May, 1903.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in May.	Still Births in May.	Marriages in May.	Total Deaths in June.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	27	4	10	20	18.8	5	3	40.0			2									2		4	2	1	1		8
Branford,	5,706	13		7	6	12.6	1	1	33.3												1							1	4
Bridgeport,	70,996	173	8	63	87	14.5	16	7	26.4			1				1		1			3		8	10	1	7	6	5	44
Bristol,	9,643	14		7	16	19.9	5		31.2				2					1			1	1	1	4		2			4
Danbury,	19,474	31		6	30	18.4	2		6.6			1	1									1	8		1	3	4	5	6
Derby,	7,930	13	3	8	10	15.1	2	2	40.0												1		1	1	1			3	3
East Hartford,	6,406	15	1	6	4	7.4	1	1	50.0						1											1	1	1	
Enfield,	6,699	10		12	7	12.5							1										1	1	1	1		1	1
Greenwich,	12,172	15	1	9	18	17.7	1	2	16.6						1								2	2	1	2		4	6
Groton,	5,962	10	1	3	8	16.1																	1	1			3	1	2
Hartford,	79,850	164	13	39	102	13.6	21	3	23.5					2	1		1				2		12	8	1	12	9	7	47
Huntington,	5,572	11		1	5	10.7	1		20.0														2			1		1	1
Killingly,	6,835	12	1	6	15	26.3	2		13.3														2	2		1	3	1	6
Manchester,	10,601	16	2	6	5	5.6		1	20.0				1											1		1	2		
Meriden,	28,695	45	1	18	30	12.5	4	2	20.0		3									3			3		3	1	2	3	2	10
Middletown,	17,486	24	2	12	57	26.0	9	4	22.8		1	2				1					2	2	10	6	2	7	9	2	13
Naugatuck,	10,541	22	4	9	9	10.2	3	1	44.4			1											2	1		1	1		3
New Britain,	28,202	75	4	39	58	24.6	16	19	60.3		18				3	3			1		5			3	1	6	2	3	13
New Haven,	108,027	237	7	72	143	15.2	40	15	38.4		6			1		3		2			13		16	14	2	18	19	5	44
New London,	17,548	57	5	10	30	20.5	4	2	20.0		1	1										1	3			5	4	5	10
Norwalk,	19,932	33	4	8	17	10.2		5	29.4			1	1		3				1					2		3	2	1	3
Norwich,	24,637	40	1	14	31	15.0	3	1	12.9							1							4		1	4	6	1	14
Orange,	6,995	11		1	11	18.8	1	2	27.2				1		1									1		1		1	6
Putnam,	7,348	14	1	6	5	8.1																	1			1		1	2
Southington,	5,890	12	1	1	4	8.1																					1	2	1
Stamford,	18,839	44	1	10	29	18.4	6	4	34.4			1	1		1						1		1	2		5	4		13
Stonington,	8,540	8	2	5	4	5.6																	1			1	1	1	
Thompson,	6,442	11		6	7	13.0	1	2	42.8					2				1			1		1					1	1
Torrington,	12,453	15	1	9	14	13.4	6	2	57.1			1							1					1		3	1		7
Vernon,	8,483	14	1	9	15	21.2	2		13.3				1								1		2			1	1	1	8
Wallingford,	9,001	24	2	1	10	13.3	2		20.0		1	1								1		1	1						5
Waterbury,	51,139	147	8	44	72	16.8	19	9	38.8		3	2			1						5	1	4	6	2	6	5	4	33
Winchester,	7,763	12	2	1	11	17.0	3		27.2															2	2	3	2		2
Windham,	10,137	20	1	3	10	11.8	1		10.0												1	1	2	1		2	1		2
Total of the 34 above towns,	668,616	1389	82	461	900	16.1	177	88	29.4		33	14	9	5	12	9	1	5	6	1	42	8	89	72	20	101	92	59	322
132 towns of less than 5,000 inhabitants,	237,051	360	20	102	253	12.8	38	15	20.9		4	1	8	3	3	7	4	1		2	4		16	16	7	36	25	15	101
Total reported from 166 towns,	905,667	1749	102	563	1153	15.2	215	103	27.7		37	15	17	8	15	16	5	6	6	3	46	8	105	88	27	137	117	74	423
Population of towns not reporting,	2,688																												

The Mortality in Public Institutions of the State were: in Bridgeport, 5; in Hartford, 38; in Middletown, 24; and in New Haven, 28. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in June; Bethany, Bethlehem, Bolton, Bozrah, Bridgewater, Brookfield, Chatham, Clinton, Colebrook, Cromwell, Durham, Eastford, East Haddam, Franklin, Hartland, Lebanon, Lisbon, Lyme, Middlebury, Monroe, North Branford, North Canaan, Old Saybrook, Oxford, Preston, Simsbury Warren, Waterford, Westbrook, West Hartford, Weston, Wethersfield, Willington, Wolcott, Woodstock—35.

The Registrars of the following towns have made no report for June: East Lyme, Woodbridge.

REMARKS.

By Mortality Reports received there were 1,153 deaths during the month of June. This was 111 less than in May, and 92 more than in June of last year, and 106 more than the average number of deaths in June for the five years preceding.

	1903	1902	1901	1900	1899	1898
January,	1418	1172	1439	1367	1565	1153
February,	1294	1124	1381	1261	1192	1026
March,	1421	1239	1441	1691	1221	1272
Total 1st quarter,	4133	3535	4261	4319	3978	3451
April,	1244	1191	1253	1678	1169	1197
May,	1264	1100	1056	1230	1025	1138
June,	1153	1061	1022	1121	1048	984
Total 2d quarter,	3661	3352	3331	4029	3242	3319

The death-rate was 16.1 for the large towns, for the small towns 12.8, and for the whole State 15.2.

The deaths reported from infectious diseases, including diarrhœal, were 287, being 24.8 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Norwich (city), 3; Norwich (town), 2; Putnam, 3—Total, 8 in 2 towns.

Measles.—Ansonia, 2; Berlin (few cases); Branford, 6; Bridgeport, 14; Bristol, 38; Chaplin, 6; Cheshire, 3; Chester, 6; Derby, 3; Durham, 1; East Granby, 4; Goshen, 6+; Groton, 1; Hartford, 30; Harwinton, 2; Huntington, 1; Killingly, 1; Lisbon, 1; Litchfield, 3; Lyme, 1; Madison, 9; Mansfield, 1; Meriden (city), 5; Meriden (town), 3; Middletown (town and city), 2; Milford, 2; Naugatuck, 15+; New Britain (city), 7; New Hartford, 5; New Haven, 89; New London, 31; New Milford, 3; North Haven, 30; Norwich (city), 25+; Norwich (town), 2; Orange, 1; Plainville, 10+; Putnam, 1; Rockville (city), 1+; Roxbury, 4; Salisbury (several cases); Saybrook, 21; Seymour, 3; Sharon, 1; Southington, 77; Sprague, 9; Stamford (city), 4; Stonington (borough), 1; Suffield, 2; Thomaston, 1; Torrington (town and borough), 30; Trumbull, 2; Vernon, 12; Wallingford, 32; Washington, 13; Waterbury, 4; Watertown, 1; West Haven (borough), 8; Weston, 1; Westport, 9; Willimantic (city), 9; Windham, 4; Windsor, 2; Windsor Locks (numerous); Winsted (borough), 1; Woodstock, 1.—Total, 620+ in 61 towns.

Cerebro-Spinal Fever.—Derby, 2.

Scarlet Fever.—Ansonia, 9; Bethel, 1; Bridgeport, 16; Bristol, 4; Colchester (town and borough), 3; Danbury (city), 2; Danbury (town), 4; Darien, 1; Derby, 13; East Haddam, 6; East Lyme, 1; Glastonbury, 2; Greenwich, 1; Hartford, 15; Huntington, 11; Killingly, 1; Litchfield, 3; Manchester, 8; Middletown (town and city), 2; Milford, 2; Naugatuck, 8; New Britain (city), 13; New Britain (town), 3; New Haven, 11; New London, 9; Norfolk, 1; Norwalk (city), 3; Norwalk (town), 1; Norwich (city), 2; Orange, 1; Plymouth, 2; Preston, 1; Rockville (city), 1+; Seymour, 4; Shelton (borough), 1; Southbury, 2; South Norwalk (city), 5; South Windsor, 1; Stafford Springs (borough), 1; Stamford (city), 2; Suffield, 6; Torrington, 1; Wallingford, 5; Waterbury, 13; West Hartford, 2; West Haven (borough), 2; Westport, 1; Winchester, 1.—Total, 208+ in 44 towns.

Diphtheria and Croup.—Ansonia, 2; Beacon Falls, 1; Bethany, 1; Bridgeport, 16; Durham, 1; East Windsor, 1; Glastonbury, 2; Greenwich, 4; Groton, 1; Hartford, 20; Hartland, 1; Manchester, 1; Naugatuck, 1; New Britain (city), 5; New Britain (town), 1; New Canaan, 1; New Haven, 3; Norwalk (city), 5; Norwalk (town), 2; Old Saybrook, 1; Plainfield, 1; Redding, 1; Ridgefield, 6; Ridgefield (borough), 3; Salem, 1; Southington, 1; South Norwalk (city), 3; Stamford (city), 2; Stonington 1; Torrington, 1; Wallingford, 1; Waterbury, 9; West Hartford, 1; West Haven (borough), 4.—Total, 105 in 30 towns.

Whooping Cough.—Ansonia, 1; Branford, 1; Brooklyn, 3; Burlington, 3; Chatham (few cases); Cheshire, 3; Cornwall, 5; Derby, 2; East Windsor (epidemic); Enfield, 2; Hartford, 2; Harwinton, 6; Litchfield, 12+; Manchester, 2; Mansfield, 6; Norwich (city), 200; Plainville, 5+; Portland, 6+; Prospect 3; Redding, 4; Somers, 4; Southington (epidemic); Stonington, 3; Stratford 20+; Tolland, 4; Waterbury, 4; Weston, 3; Westport (several cases).—Total, 304+ in 28 towns.

Typhoid Fever.—Bridgeport, 2; Danbury (city), 1; Derby, 1; Greenwich, 1; Hartford, 2; Meriden, 1; Milford, 1; New Canaan, 1; New Haven, 8; New London, 1; Norwalk, 2; Salem, 1; Suffield, 1; Thompson, 2; Voluntown, 1; Waterbury, 3; Westport, 1.—Total, 30 in 17 towns.

Consumption.—Branford, 1; Bridgeport, 3; Old Lyme, 1; Old Saybrook, 1; Portland, 2; Redding, 1; Sharon, 1; Southington, 1; South Norwalk (city), 1; West Haven (borough), 1.—Total, 13 in 10 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Barkhamsted, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Canaan, Canterbury, Canton, Clinton, Colebrook, Columbia, Coventry, Cromwell, Danielson (borough), Eastford, East Hartford, East Haven, Easton, Ellington, Fairfield, Farmington, Franklin, Granby, Griswold, Guilford, Hamden, Hampton, Hebron, Jewett City (borough), Kent, Killingworth, Lebanon, Ledyard, Marlborough, Middlebury, Monroe, Montville, New Fairfield, Newington, Newtown, North Branford, North Canaan, North Stonington, Pomfret, Rocky Hill, Scotland, Sherman, Simsbury, Stafford, Stamford, Sterling, Union, Warren, Waterford, Westbrook, Wethersfield, Willington, Wilton, Wolcott, Woodbridge, Woodbury.—Total, 66.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Essex, 1; Saybrook, 1; Suffield, 1; Tolland, 1.—Total, 4.

Scarlet Fever.—Stafford, 1.

La Grippe.—Brooklyn, 1; Coventry, 1; Essex, 1; Newtown, 1; Plymouth, 1; Sprague, 1; Watertown, 2.—Total, 8.

Cerebro-Spinal Fever.—Essex, 1; Washington, 1; Windsor, 1.—Total, 3.

Diphtheria and Croup.—Glastonbury, 1; Ridgefield, 2.—Total, 3.

Whooping Cough.—East Windsor, 1; Harwinton, 1; Plainville, 2; Prospect, 1; Stratford, 1; Suffield, 1.—Total, 7.

Typhoid Fever.—Voluntown, 1.

Consumption.—Coventry, 1; Goshen, 1; Guilford 2; New Milford, 1; Old Lyme, 1; Plainfield, 1; Portland, 2; Salisbury, 1; Sharon, 1; South Windsor, 1; Stafford, 2; Watertown, 1; Woodbury 1.—Total, 16.

All the Health Officers of Hartford, New London, Fairfield, Windham and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

New Haven Co.—Oxford.

Litchfield Co.—Morris.

Middlesex Co.—Essex, Haddam, Middlefield.

VITAL STATISTICS.

It ought to be reasonably assumed that every registered practitioner of medicine in Connecticut is possessed of sufficient intelligence to understand and appreciate the value of full and correct vital statistics.

In the confidence that he is also a law-abiding citizen, devoted to the relief of the sufferings of his fellow-creatures, and ready to render any reasonable personal service for the betterment of the public weal, the state has given him the monopoly which he shares with his professional brethren in having the exclusive privilage of practicing medicine and receiving the emoluments thereof. In return for such privilege and trust, the State expects him to render some slight service which he only can render, in carrying into effect the laws relating to Vital Statistics. This is the more to be expected because the State generously gives him an additional compensation in every instance in which he performs such duty.

It is exceedingly gratifying to be able to report that the members of the medical profession, as a whole, do now promptly and carefully discharge their duty in rendering birth and death certificates, with a conscientious sense of their obligations and responsibilities. Of the many hundreds of practitioners in the State, the ignominious few who resent as a personal imposition the requirements of the law can be counted on the fingers of one hand.

But when a public officer of the State, holding the responsible office of a "Medical Examiner," evades the spirit and purpose of the law by giving the cause of death in his certificates in terms of indefinite and vague meaning, and who when respectfully asked by the State Board of Health if "a bullet in the chest" given in a certificate over his signature, was accidental, homicidal or suicidal, makes no reply to this inquiry, or to other previous inquiries of similar kind, we do not think he has fully discharged his duty either to the public or to the State Board of Health which is charged with the registration of the Vital Statistics of Connecticut.

The chief statistician at Washington has recently addressed circulars of instruction to every registered practitioner in Connecticut, giving careful directions as to stating causes of death in such terms when practicable that there need be no uncertainty about their proper classification. For instance:

Septicaemia—what the cause of the sepsis.

Peritonitis, whether puerperal or from what cause.

Meningitis, whether cerebral or spinal, etc., etc.

A little attention to such points will greatly increase the value of Connecticut statistics for sanitary purposes, and require but little more attention on the part of the physician.

We have confidence that the members of the medical profession of the State are public-spirited enough to second the effort now being made, and maintain the reputation of Connecticut as being among the best of the registration states.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and Superintendent of Vital Statistics.

New Haven, July 15, 1903.

METEOROLOGICAL REPORT FOR THE MONTH OF JUNE, 1903.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.						PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.							
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A.M.	8 P.M.	
1	30.33	30.22	56	60	57	70	44	26	65	53	N	12	S W	8	190	15	.0	Clear	Clear	Clear
2	30.27	30.22	60	61	62	73	51	22	55	54	N	12	S W	9	241	19	.0	Clear	Clear	Clear
3	30.12	29.99	65	75	68	85	52	33	52	33	W	9	N W	10	224	23	.0	Clear	Clear	Clear
4	30.19	30.28	61	60	59	68	50	18	42	63	N E	9	S E	6	146	12	.0	Smoky	Smoky	Clear
5	30.40	30.34	50	57	56	65	46	19	87	82	N E	9	E	4	139	12	.0	Smoky	Smoky	Clear
6	30.32	30.20	53	60	58	69	48	21	86	89	N	4	S	1	76	8	.0	Cloudy	Clear	Partly Cl'dy
7	30.13	30.04	61	64	63	68	58	10	97	90	S E	7	S E	10	150	12	.25	Light Rain	Cloudy	Cloudy
8	29.97	29.90	63	63	62	65	60	5	100	94	S E	13	S	4	246	24	.70	Light Rain	Cloudy	Cloudy
9	29.91	29.96	61	66	67	74	60	14	97	92	S	4	S E	5	108	10	.01	Cloudy	Cloudy	Cloudy
10	30.03	29.98	61	66	64	70	58	12	94	92	N E	3	S	3	87	12	.0	Cloudy	Cloudy	Partly Cl'dy
11	29.99	29.90	65	66	68	75	62	13	95	92	N E	1	S E	8	142	24	.0	Cloudy	Cloudy	Cloudy
12	29.61	29.64	65	64	66	70	61	9	100	90	E	32	S	7	395	55	1.50	Light Rain	Cloudy	Partly Cl'dy
13	29.69	29.78	62	62	64	69	58	11	81	78	W	6	S	15	203	21	.01	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
14	29.80	29.69	55	56	60	65	54	11	90	84	S W	8	E	10	231	20	.42	Light Rain	Threatening	Cloudy
15	29.65	29.65	56	55	58	62	53	9	94	92	N E	12	N E	20	373	30	.42	Light Rain	Cloudy	Cloudy
16	29.78	29.87	55	56	58	62	53	9	73	79	N E	20	N E	4	330	30	T	Cloudy	Clear	Cloudy
17	29.92	29.94	57	60	58	64	51	13	71	70	N	3	S W	6	138	14	.0	Cloudy	Cloudy	Cloudy
18	29.96	29.97	55	56	56	58	53	5	92	88	S E	7	S E	6	169	14	.11	Cloudy	Cloudy	Cloudy
19	29.94	29.87	56	59	56	61	52	9	91	83	S E	6	S	2	138	12	.05	Cloudy	Partly Cl'dy	Cloudy
20	29.86	29.72	58	61	61	66	56	10	94	97	S E	10	E	11	236	20	.31	Cloudy	Light Rain	Cloudy
21	29.66	29.73	60	58	58	62	55	7	94	87	N E	10	N	12	222	24	2.55	Light Rain	Cloudy	Cloudy
22	29.93	29.98	55	55	56	60	53	7	82	96	N	9	E	7	246	18	T	Cloudy	Light Rain	Cloudy
23	29.88	29.91	52	54	54	57	52	5	97	89	N E	14	N E	12	299	24	.07	Misting	Cloudy	Cloudy
24	29.98	30.04	53	55	56	61	50	11	94	84	N	14	N E	8	288	26	.02	Light Rain	Cloudy	Cloudy
25	30.03	29.98	51	59	56	63	50	13	81	86	N E	9	S	8	151	12	.10	Cloudy	Clear	Cloudy
26	30.02	29.96	65	65	65	75	55	20	77	77	W	2	S W	9	156	14	.0	Clear	Clear	Clear
27	29.93	29.80	70	71	67	77	57	20	72	75	N E	2	S W	4	124	12	.0	Clear	Clear	Partly Cl'dy
28	29.94	29.87	62	62	64	70	57	13	64	69	N	8	E	8	179	14	.0	Cloudy	Partly Cl'dy	Partly Cl'dy
29	29.85	29.85	61	59	62	67	58	9	73	91	N E	10	N	17	281	29	.89	Cloudy	Cloudy	Cloudy
30	29.97	29.86	64	66	66	74	57	17	72	89	S	4	S	6	186	17	T	Clear	Cloudy	Clear
31																				
Month Ave's.	29.97	29.94	59	61	61	68	54	13	82	81	N E	9	S	8	203	55	7.41			

SUMMARY.

BAROMETER.

Monthly Mean, 29.96 inches.

Highest, 30.40 in.; Date, 5.

Lowest, 29.61 in.; Date, 12.

Monthly range, .79 inches.

TEMPERATURE.

Monthly Mean, 61 degrees.
Highest, 85 degrees; Date, 3.
Lowest, 44 degrees; Date, 1.
Absolute range, 41 degrees.
Greatest daily range, 33 degrees; Date, 3.
Least daily range, 5 deg.; Date, 8.
Mean daily range, 13 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 405 degrees.

WIND.

Prevailing direction, N E.
Mean hourly velocity, 8 miles.
Max. velocity and direction, 41 E; Date, 12.
Total monthly movement, 6,094 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 18.
*Greatest 24 hour precipitation, (in. and 100ths), 2.77; Date, 20 and 21.
Total monthly precipitation, (in. and 100ths), 7.41 in.
Total depth of snowfall (in.), 0.
Dates of thunder storms, 14, 21, 25, 29.
Accumulated deficiency of precipitation since Jan. 1st, .17 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---67 deg.		1889---67 deg.	
1874---67	"	1890---66	"
1875---66	"	1891---66	"
1876---71	"	1892---69	"
1877---68	"	1893---66	"
1878---65	"	1894---68	"
1879---67	"	1895---68	"
1880---65	"	1896---65	"
1881---62	"	1897---64	"
1882---66	"	1898---67	"
1883---68	"	1899---69	"
1884---67	"	1900---68	"
1885---65	"	1901---67	"
1886---63	"	1902---65	"
1887---62	"	1903---61	"
1888---68	"		

COM. RAINFALL. (Inches and 100ths.)

1873---2.07		1889---3.17	
1874---3.41		1890---5.12	
1875---3.50		1891---1.90	
1876---1.86		1892---2.36	
1877---6.17		1893---2.07	
1878---2.62		1894---0.49	
1879---4.62		1895---2.41	
1880---1.21		1896---2.96	
1881---5.15		1897---2.47	
1882---2.75		1898---0.21	
1883---1.83		1899---2.59	
1884---5.25		1900---1.79	
1885---1.43		1901---0.25	
1886---2.84		1902---4.35	
1887--- 5.62		1903---7.41	
1888---2.15			

Monthly mean humidity, 82 per cent. Monthly mean dew point, 54. Number of clear days, 7. Number of fair days, 5. Number of cloudy days, 18.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVII. No. 7.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JULY, 1903.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of July, 1903 and a Statement of the Births and Marriages for the Month of June, 1903.

The Population stated below was given by the 12th Census. Total population of the State is 908,355.

TOWNS.	Census 1900.	Living Births in June.	Still Births in June.	Marriages in June.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	12,681	38	3	18	25	23.6	6	6	48.0	----	----	4	----	1	----	----	----	----	----	----	6	----	2	----	----	----	3	1	8
Branford,	5,706	5	1	6	7	14.7	----	1	14.2	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	2	----	----	3
Bridgeport,	70,996	129	8	113	120	20.1	41	12	44.1	----	2	----	----	----	1	4	----	----	----	1	25	1	8	4	----	6	12	6	50
Bristol,	9,643	21	----	18	12	14.9	3	4	58.3	----	2	----	----	----	----	1	----	----	----	----	3	1	----	1	----	2	----	1	1
Danbury,	19,474	35	3	21	27	15.4	3	1	14.8	----	----	----	----	----	----	----	----	1	----	----	1	----	1	2	----	4	4	1	13
Derby,	7,930	17	----	16	15	22.6	4	3	46.6	----	----	----	----	1	----	----	----	----	----	----	3	----	----	----	----	----	1	1	9
East Hartford,	6,406	17	1	12	5	9.3	2	----	40.0	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	----	2	1
Enfield,	6,699	11	1	9	10	17.9	3	3	60.0	----	----	----	----	----	----	1	----	----	1	----	3	----	1	----	----	----	----	----	4
Greenwich,	12,172	26	1	10	14	13.8	3	----	21.4	----	----	----	----	----	----	----	----	----	----	----	2	----	1	1	----	1	1	3	5
Groton,	5,962	11	2	7	9	18.1	3	1	44.4	----	----	----	----	----	----	----	----	----	----	----	2	----	1	----	----	----	1	2	3
Hartford,	79,850	134	12	144	130	17.8	24	13	28.4	----	1	----	----	----	5	1	----	2	----	1	8	1	16	5	----	18	9	7	56
Huntington,	5,572	15	----	4	8	17.2	4	----	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	6
Killingly,	6,835	12	----	12	5	8.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	2	----	----
Manchester,	10,601	22	----	11	11	12.4	4	1	45.4	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	1	----	8
Meriden,	28,695	48	----	32	45	18.8	11	5	35.5	----	1	----	----	----	----	1	----	----	4	----	7	----	2	----	1	6	3	2	18
Middletown,	17,486	18	----	28	35	15.0	6	3	25.7	----	1	----	----	----	----	----	----	----	----	----	3	1	2	1	2	8	4	2	11
Naugatuck,	10,541	20	----	17	18	17.0	5	6	61.1	----	2	1	----	1	1	1	----	----	----	----	4	----	2	----	----	----	1	1	4
New Britain,	28,202	76	5	57	61	25.9	29	13	68.8	----	1	3	----	----	1	5	----	----	----	----	22	----	7	1	----	2	7	----	12
New Haven,	108,027	225	14	162	193	21.1	65	19	43.5	----	4	----	----	2	4	1	----	1	----	----	39	6	20	3	2	16	14	14	67
New London,	17,548	45	----	28	35	23.9	5	1	17.1	----	----	----	----	----	----	----	----	----	----	----	5	3	2	----	----	3	4	7	11
Norwalk,	19,932	31	2	19	41	24.6	9	5	34.1	----	----	2	----	----	1	----	----	----	----	----	10	----	2	1	----	6	4	3	12
Norwich,	24,637	57	3	40	54	26.3	13	2	27.7	----	----	----	2	----	----	----	----	----	----	2	9	4	3	----	1	9	8	3	13
Orange,	6,995	13	----	4	12	20.5	3	2	41.6	----	----	----	----	----	----	----	----	----	----	----	4	----	1	----	----	5	1	1	----
Putnam,	7,348	17	----	10	14	22.8	3	1	28.5	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	----	3	2	1	6
Southington,	5,890	8	----	7	7	14.2	2	----	28.5	----	----	----	----	----	----	----	----	----	----	----	1	----	2	----	----	----	----	----	4
Stamford,	18,839	35	----	12	32	19.1	12	3	46.8	----	----	1	----	----	2	----	----	----	----	----	6	----	2	2	----	6	----	4	9
Stonington,	8,540	15	----	10	13	18.2	2	1	23.0	----	----	----	----	----	----	----	----	1	----	----	----	----	2	----	----	1	3	----	6
Thompson,	6,442	10	----	5	7	13.0	5	----	71.4	----	----	----	----	----	----	----	----	----	----	----	4	----	1	----	----	----	----	1	1
Torrington,	12,453	34	2	7	16	15.4	6	1	43.7	----	----	----	----	----	----	----	----	1	----	----	5	----	2	2	----	----	----	----	6
Vernon,	8,483	15	----	15	9	12.7	----	1	11.1	----	----	----	----	----	----	----	----	----	----	----	1	1	1	----	----	4	1	1	----
Wallingford.	9,001	19	----	17	12	15.9	5	----	41.6	----	----	----	----	----	----	----	----	----	----	----	3	----	----	----	----	2	1	2	4
Waterbury,	51,139	148	7	82	95	22.2	46	12	61.0	----	----	2	1	----	1	3	----	----	----	----	33	1	6	4	1	10	3	5	24
Winchester,	7,763	9	----	11	10	15.4	1	----	10.0	----	----	----	----	----	----	1	----	----	----	----	----	----	----	2	1	2	----	----	4
Windham,	10,137	11	----	13	13	15.3	5	1	46.1	----	----	----	----	----	----	----	----	----	----	----	5	1	1	----	----	1	----	----	5
Total of the 34 above towns,	668,616	1347	65	977	1120	20.1	333	121	40.5	----	14	13	3	5	17	20		6	5	5	215	20	91	30	8	120	91	73	384
134 towns of less than 5,000 inhabitants,	239,739	315	19	200	288	14.4	56	20	26.7	----	2	1	----	1	2	3	1	2	2	----	31	3	26	9	5	31	25	32	112
Total reported from 168 towns,	908,355	1662	84	1177	1408	18.6	389	141	37.7	----	16	14	3	6	19	23	1	8	7	5	246	23	117	39	13	151	116	105	496

The Mortality in Public Institutions of the State were: in Bridgeport, 16; in Danbury, 5; in Hartford, 38; in Middletown, 15; in New Haven, 37; and in Stamford, 4. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in July: Ashford, Avon, Bethlehem, Bozrah, Brookfield, Chaplin, Chatham, Colebrook, Columbia, Eastford, Essex, Franklin, Goshen, Hampton, Hartland, Harwinton, Killingworth, Lisbon, Marlborough, Middlebury, Middlefield, Morris, New Fairfield, Preston, Prospect, Roxbury, Salem, Scotland, Sherman, Trumbull, Voluntown, Warren, Wolcott, Woodbridge—34.

REMARKS.

By Mortality Reports received there were 1,408 deaths during the month of July. This was 246 more than in June, and 14 more than in July of last year, and 35 more than the average number of deaths in July for the five years preceding.

	1903	1902	1901	1900	1899	1898
January,	1420	1172	1439	1367	1565	1153
February,	1303	1124	1381	1261	1192	1026
March,	1421	1239	1441	1691	1221	1272
Total 1st quarter,	4144	3535	4261	4319	3978	3451
April,	1245	1191	1253	1678	1169	1197
May,	1265	1100	1056	1230	1025	1138
June,	1162	1061	1022	1121	1048	984
Total 2d quarter,	*3672	3352	3331	4029	3242	3319
July,	1408	1394	1297	1583	1369	1225

The death-rate was 20.1 for the large towns, for the small towns 14.4, and for the whole State 18.6.

The deaths reported from infectious diseases, including diarrhœal, were 488, being 34.6 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Griswold, 6; Putnam, 3; Voluntown, 2—Total, 11 cases in 3 towns.

Measles.—Ansonia, 2; Barkhamsted, 2; Beacon Falls, 1; Bethlehem, 1; Branford, 6; Bridgeport, 19; Bristol, 3; Brooklyn, 2; Burlington, 1; Chaplin, 1; Cheshire, 3; Cornwall, 1; Cromwell, 1; Danbury (city), 2; Derby, 2; East Haddam, 2; East Haven, 3; East Windsor, 4; Groton, 2; Hartford, 7; Harwinton, 3; Kent, 1; Milford, 1; Naugatuck, 40+; New Haven, 26; New London, 5; New Milford, 3; North Haven, 17; Old Lyme. 2; Oxford, 1; Plainfield, 4; Redding, 1; Roxbury, 1; Salisbury (epidemic); Saybrook, 1; Seymour, 1; Southbury, 1; Southington, 7; Stamford (city), 1; Stonington, 2; Stratford, 1; Torrington, 15; Wallingford (epidemic); Waterbury, 3; West Hartford, 2; West Haven (borough), 3; Weston, 1; Westport, 4; Winsted (borough), 1.—Total, 213+ in 49 towns

Scarlet Fever.—Ansonia, 15; Branford, 1; Bridgeport, 3; Colchester, 5; Derby, 7; Durham, 4; East Haddam, 1; East Hartford, 1; Hartford, 2; Huntington, 10; Litchfield, 2; Manchester, 5; Milford, 2; Naugatuck, 7; New Britain (city), 6; New Haven, 6; New London, 1; Newtown, 1; Plymouth, 1; Rockville (city), 2; Salem, 1; Shelton (borough), 4; South Norwalk (city), 3; South Windsor, 1; Stamford (city), 5; Torrington, 1; Wallingford, 5; Waterbury, 14; Windsor. 1; Winsted (borough), 1.—Total, 118 in 29 towns.

Diphtheria and Croup.—Branford, 1; Bridgeport, 12; Danbury (city), 1; Derby, 1; Fairfield, 1; Greenwich, 5; Groton. 1; Hartford, 5; Huntington, 3; Litchfield, 1; Manchester, 2; Naugatuck, 3; New Britain (city), 4; New Britain (town), 3; New Hartford, 1; New Haven, 7; Norwalk (city), 1; Norwalk (town), 1; Rockville (city), 1; Shelton (borough), 1; Southbury, 1; South Norwalk (city), 1; Stamford (city), 1; Torrington, 2; Waterbury, 9; Winsted (borough), 1.—Total, 70 in 23 towns.

Whooping Cough.—Branford, 3+; Brooklyn, 4; Cheshire; 3; Cornwall, 18; Coventry, 9+; Darien, 6; East Haven, 3; Enfield, 1; Harwinton, 6; Litchfield, 10+; New Britain (city), 1; Newington, 6; Newtown, 7; Norwich (city), (few cases); Portland, 8+; Putnam, 6; Somers, 2; Southington, "growing less;" Suffield, 3; Waterbury, 3; Windsor, 2; Windsor Locks, "numerous;" Winsted (borough). 50.—Total, 151+ in 23 towns.

Typhoid Fever.—Ansonia, 8; Bethlehem, 1; Bloomfield, 1; Bridgeport, 4; Bristol, 2; Danbury (city), 6; Danbury (town), 2; Darien, 1; Durham, 2; Greenwich, 2; Groton, 1; Hamden, 1; Hartford, 4; Huntington, 1; Manchester, 2; Meriden (city), 1: Milford, 1; New Haven, 12; Norwalk (city), 3; Saybrook, 1; Seymour, 1; Simsbury, 2; Stamford (city), 2; Stonington, 1; Thomaston, 1; Torrington, 6; Waterbury, 6; Waterford. 1; Wilton, 1; Woodbridge, 1.—Total, 78 in 29 towns.

Consumption.—Bridgeport, 8; Coventry, 1; Groton, 1; Hartford, 1; Madison, 2; Naugatuck, 1; Norwalk, 1; Stamford (city), 1.—Total, 16 in 8 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Avon, Berlin, Bethany, Bethel, Bolton, Bozrah, Bridgewater, Brookfield, Canaan, Canterbury, Canton, Chatham, Chester, Colebrook, Columbia, Danielson (borough), Eastford, East Granby, East Lyme, Easton, Ellington, Farmington, Franklin, Glastonbury, Goshen, Granby, Guilford, Hampton, Hartland, Hebron, Jewett City (borough), Killingworth, Lebanon, Ledyard, Mansfield, Marlborough, Meriden, Middlebury, Monroe, Montville, Morris, New Fairfield, Norfolk, North Branford, North Canaan, Old Saybrook, Orange, Plainville, Pomfret, Preston, Prospect, Rocky Hill, Scotland, Sharon, Sherman, Stafford, Stafford Springs (borough), Stamford, Sterling, Stonington (borough), Tolland, Union, Vernon, Warren, Washington, Watertown, Westbrook, Wethersfield, Willimantic (city), Willington, Windham, Wolcott, Woodbury, Woodstock.—Total, 74.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Cromwell, 1; North Haven, 1.—Total, 2.

Scarlet Fever.—East Haddam, 1.

Cerebro-Spinal Fever.—Saybrook, 1.

Diphtheria and Croup.—Fairfield, 1; Southbury, 1.—Total, 2.

Whooping Cough.—East Windsor, 1; Plainville, 1; Portland, 1.—Total, 3.

Typhoid Fever.—Durham, 1; Thomaston, 1.—Total, 2.

Consumption.—Bridgewater, 1; Canton, 1; Ellington, 1; Fairfield, 1; Glastonbury. 1; Griswold, 3; Haddam, 1; Ledyard, 1; Litchfield, 1; Madison, 2; Milford, 1; New Milford, 1; Newtown, 1; North Branford, 1; Old Saybrook, 1; Portland, 1; Stafford, 1; Sterling, 1; Suffield, 1; Watertown, 2; Westport, 1; Windsor Locks, 1.—Total, 26.

All the Health Officers of Hartford, New Haven and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

New London Co.—Lisbon, Lyme, Norwich, North Stonington, Sprague.

Fairfield Co.—New Canaan, Ridgefield, Trumbull.

Windham Co.—Ashford, Killingly, Thompson.

Litchfield Co.—Winchester.

Middlesex Co.—Clinton, Essex, Haddam, Middlefield, Middletown.

MILK.

The annual destruction of infant life is now in active progress. Over 200 little graves were filled during the month of July because of summer diarrhœa. With very few exceptions they were all victims of infected milk. At this present season, milk is preëminently an article of infant diet demanding the most scrupulous and vigilant attention. Careful observation, year after year, has afforded abundant and convincing evidence that infantile diarrhœa is limited almost exclusively to hand-fed babies, or babies which receive other food in addition to that supplied at the maternal font. In other words, infantile diarrhœa is caused by infected food. Now as cow's milk is the chief substitute for the nutriment which nature intended for infants, the supply becomes a matter of the highest importance.

It is well known that milk is readily infected by a short exposure to the air, by contact with the utensils used in the traffic, and by the hands of the milkers. Hence the most absolute cleanliness is the first requisite on the part of those who produce it. This applies to all the conditions to which milk may possibly be exposed in its transition from the cow in her stall to the milk cup on the table.

It is well worth the trouble of parents to make a personal inspection of the dairy from which their baby's milk is obtained. To see the cows, the stable, the milk pails and even the milking. Milk is easily infected from the air, from dust, from everything it touches. Infections grow and multiply in milk, most rapidly in hot weather. If exposed to the air and not chilled by ice, it soon spoils. It is best served in bottles, always provided the bottles are clean. When received by the consumer it should be immediately put on ice, and never left to stand in doorways or on shelves. In the absence of ice it should be loosely wapped in paper and kept in the coolest place. On removing a portion from a bottle, take only as much as is needed for immediate use, and replace the stopper instantly. If cream has formed upon the top, it may be poured off, or thoroughly mixed again by inverting the bottle and shaking. Every exposure to air, every contact with spoons, cups and dishes increases the risk of germ contamination, for germs are everywhere.

There is evidence that a large percentage of good commercial milk becomes infected in the home of the consumer from neglect of these precautions. The uncleanliness of the home and its surroundings is also proved to be an important factor in the contamination of milk. During hot weather all the baby's milk should be pasturized. If the usual apparatus is wanting, it can be easily done by placing a bottle of the milk, stoppered with a plug of cotton, in a pan of cold water and placing it over the fire, removing the bottle instantly after the water begins to boil. Do not allow the milk to boil.

Most of the proprietary "infant foods" are dangerous for young infants.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, August 15, 1903.

* Eleven delayed certificates of death have been returned after publication of the Bulletins, during the past six months.

METEOROLOGICAL REPORT FOR THE MONTH OF JULY, 1903.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

Date.	Barometer.†		Temperature.‡						Relative Humidity.‖		Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.87	29.76	68	78	76	89	63	26	83	75	S	4	S W	12	190	24	T	Cloudy	Clear	Clear
2	29.72	29.80	82	79	82	92	71	21	65	69	W	13	S W	4	248	27	.0	Clear	Clear	Clear
3	29.97	29.91	77	78	76	87	65	22	57	67	N W	9	N W	4	171	16	T	Clear	Cloudy	Clear
4	30.05	30.04	70	74	72	82	62	20	55	56	N	9	N	3	172	17	.0	Partly Cl'dy	Clear	Clear
5	30.17	30.12	67	68	67	76	58	18	80	76	S	6	S	10	220	20	.0	Clear	Cloudy	Clear
6	30.09	30.03	66	76	75	85	65	20	92	80	S W	12	W	3	176	17	.15	Cloudy	Clear	Partly Cl'dy
7	30.11	30.05	76	76	76	86	65	21	62	64	N	3	N W	5	143	12	.0	Clear	Clear	Clear
8	30.05	29.91	77	82	79	92	66	26	52	65	W	3	W	6	163	20	.0	Clear	Clear	Clear
9	29.93	29.89	82	85	82	93	70	23	61	66	N W	6	N W	3	146	16	.0	Clear	Clear	Clear
10	29.89	29.78	84	80	83	94	72	22	69	83	W	3	N	3	133	20	T	Clear	Partly Cl'dy	Clear
11	29.80	29.73	79	74	80	90	70	20	68	71	N W	7	W	8	174	17	T	Clear	Cloudy	Partly Cl'dy
12	29.79	29.72	77	74	76	85	66	19	63	89	N E	4	S W	10	169	14	T	Clear	Cloudy	Partly Cl'dy
13	29.76	29.77	67	68	68	72	64	8	90	66	N W	3	W	5	96	9	.16	Light Rain	Partly Cl'dy	Cloudy
14	29.85	29.80	67	64	70	77	62	15	68	87	W	3	E	3	145	22	.12	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
15	29.81	29.89	64	61	64	71	56	15	60	67	N	8	W	4	210	24	T	Clear	Clear	Clear
16	29.92	29.93	60	68	64	76	53	23	73	65	W	7	S	3	134	27	T	Clear	Clear	Clear
17	30.04	30.01	70	68	68	78	57	21	59	65	N	4	S W	7	153	17	.0	Clear	Clear	Clear
18	29.94	29.72	65	60	64	69	58	11	90	94	S	6	E	24	233	29	.65	Cloudy	Light Rain	Cloudy
19	29.63	29.78	63	68	66	73	59	14	89	80	N W	6	N W	4	215	20	.36	Cloudy	Cloudy	Partly Cl'dy
20	29.89	29.88	66	67	66	73	60	13	78	91	S	7	E	12	179	17	T	Clear	Cloudy	Clear
21	29.87	29.96	67	70	70	76	65	11	97	88	N E	4	S E	4	130	12	.04	Cloudy	Clear	Partly Cl'dy
22	30.03	29.93	66	71	70	78	63	15	95	90	S	3	S W	6	183	19	.20	Cloudy	Cloudy	Partly Cl'dy
23	29.89	29.91	72	73	73	80	66	14	71	69	W	4	N W	3	163	14	.01	Clear	Clear	Clear
24	29.95	29.99	73	74	74	84	64	20	65	50	N	7	N	6	233	27	.0	Clear	Clear	Clear
25	30.10	29.99	68	73	72	84	60	24	54	69	S W	6	S W	8	186	17	.0	Clear	Clear	Clear
26	29.89	29.82	77	75	78	90	67	23	69	64	W	7	N	14	238	40	.32	Clear	Partly Cl'dy	Clear
27	29.95	30.00	65	64	64	72	55	17	52	48	N	14	N W	12	270	24	.0	Clear	Clear	Clear
28	30.09	30.03	61	66	62	73	52	21	63	72	N	5	S W	10	175	17	.0	Clear	Cloudy	Clear
29	29.96	29.85	69	73	72	78	65	13	85	92	S W	11	S W	14	288	26	.0	Cloudy	Cloudy	Partly Cl'dy
30	29.85	29.81	73	73	80	90	69	21	86	93	S W	8	S W	13	276	30	.16	Clear	Cloudy	Clear
31	29.97	30.11	70	65	68	76	60	16	64	75	N	7	N W	4	162	15	T	Clear	Cloudy	Partly Cl'dy
Month Ave's.	29.93	29.90	71	72	72	81	63	18	72	74	N	6	S W	7	186	40	2.17			

SUMMARY.

Barometer.

Monthly Mean, 29.91 inches.

Highest, 30.17 in.; Date, 5.

Lowest, 29.63 in.; Date, 19.

Monthly range, .54 inches.

Temperature.

Monthly Mean, 72 degrees.
Highest, 94 degrees; Date, 10.
Lowest, 52 degrees; Date, 28.
Absolute range, 42 degrees.
Greatest daily range, 26 degrees; Date, 8.
Least daily range, 8 deg.; Date, 13.
Mean daily range, 18 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 416 degrees.

Wind.

Prevailing direction, S W.
Mean hourly velocity, 8 miles.
Max. velocity and direction, 37 N; Date, 26.
Total monthly movement, 5,774 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 19.
*Greatest 24 hour precipitation, (in. and 100ths), 1.01; Date, 18 and 19.
Total monthly precipitation, (in. and 100ths), 2.17 in.
Total depth of snowfall (in.), 0.
Dates of thunder storms, 10, 11, 14, 20, 22, 25, 29, 30.
Accumulated deficiency of precipitation since Jan. 1st, 2.94 inches.

Compar. Temp. (Mon. Mean.)

1873	73 deg.	1889	70 deg.
1874	72 "	1890	69 "
1875	71 "	1891	68 "
1876	76 "	1892	72 "
1877	73 "	1893	71 "
1878	74 "	1894	73 "
1879	71 "	1895	69 "
1880	73 "	1896	72 "
1881	71 "	1897	72 "
1882	72 "	1898	72 "
1883	71 "	1899	72 "
1884	68 "	1900	73 "
1885	72 "	1901	74 "
1886	70 "	1902	70 "
1887	75 "	1903	72 "
1888	69 "		

Com. Rainfall. (Inches and 100ths.)

1873	1.55	1889	17.08
1874	4.90	1890	6 59
1875	4.42	1891	4.52
1876	11.05	1892	4.32
1877	2.32	1893	1.89
1878	2.53	1894	2.40
1879	9.50	1895	3.77
1880	4.90	1896	3.86
1881	3.53	1897	10.63
1882	3.03	1898	5.03
1883	5.67	1899	4.17
1884	5.89	1900	3.28
1885	2.51	1901	4.40
1886	4.69	1902	3.26
1887	4.66	1903	2.17
1888	1.76		

Monthly mean humidity, 73 per cent. Monthly mean dew point, 61. Number of clear days, 20. Number of fair days, 9. Number of cloudy days, 2.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVII. No. 8.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF AUGUST, 1903.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of August, 1903 and a Statement of the Births and Marriages for the Month of July, 1903.

Total estimated population of the State is 940,785.

TOWNS.	Estimated Population.	Living Births in July.	Still Births in July.	Marriages in July.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,148	36	1	7	19	17.3	8	1	47.3	----	----	----	----	----	----	----	----	1	----	----	5	----	4	----	----	2	2	----	5
Branford,	5,955	9	----	5	11	22.1	2	----	18.1	----	----	----	----	----	----	----	----	----	----	----	2	----	----	3	----	1	1	1	3
Bridgeport,	75,420	184	12	51	126	19.5	43	11	42.8	----	----	----	----	----	2	3	----	4	----	----	26	1	17	5	1	12	8	8	39
Bristol,	10,095	16	----	1	15	17.8	8	----	53.3	----	----	----	----	----	----	----	----	----	----	----	5	----	2	----	----	2	2	1	3
Danbury,	19,474	35	1	5	34	20.3	9	1	29.4	----	----	----	----	----	----	----	----	1	1	----	5	----	2	----	1	3	2	2	17
Derby,	8,320	17	----	9	9	12.9	5	1	66.6	----	----	----	----	----	----	1	----	----	----	----	3	----	1	----	----	1	----	----	3
East Hartford,	6,796	14	----	6	11	19.4	4	1	45.4	----	----	----	----	----	----	----	----	----	----	----	3	----	----	----	1	2	----	3	2
Enfield,	6,600	16	2	13	9	16.3	4	1	55.5	----	----	----	----	----	----	----	----	----	----	----	4	----	1	1	----	1	----	----	2
Greenwich,	12,580	26	1	1	20	19.0	1	5	30.0	----	1	----	----	----	----	----	----	----	----	----	4	----	----	1	1	2	1	4	6
Groton,	6,046	15	1	----	12	23.8	3	2	41.6	----	----	----	----	----	----	----	----	1	----	----	1	----	1	2	----	3	1	----	3
Hartford,	85,174	145	5	57	112	15.0	36	3	34.8	----	----	----	----	3	1	2	----	1	----	----	10	3	14	2	1	16	5	8	46
Huntington,	5,885	13	----	2	7	14.2	3	----	42.8	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	3	1	----	2
Killingly,	6,797	14	----	5	8	14.1	4	----	50.0	----	----	----	----	----	----	----	----	----	----	----	3	----	1	----	1	----	----	----	3
Manchester,	11,076	31	1	10	13	14.0	4	2	46.1	----	----	----	----	----	----	----	----	1	----	----	2	----	----	1	----	2	1	1	5
Meriden,	29,350	58	1	24	40	15.9	20	4	60.0	----	----	----	----	1	----	1	----	3	1	----	14	1	4	1	1	3	2	----	8
Middletown,	17,942	21	3	8	53	22.0	13	3	30.1	----	----	----	----	----	----	3	----	1	----	----	9	2	6	3	----	5	1	----	23
Naugatuck,	11,405	31	----	8	19	19.9	11	3	73.6	----	----	----	----	----	----	1	----	1	----	----	5	----	1	2	----	2	----	----	7
New Britain,	30,040	86	3	34	51	20.3	22	6	54.9	----	----	1	----	----	4	2	----	1	----	----	15	2	6	1	----	3	1	2	13
New Haven,	112,420	253	12	66	197	20.4	62	18	40.6	----	4	1	----	----	----	2	----	5	2	----	33	3	15	12	6	20	6	7	81
New London,	18,306	29	1	18	33	21.5	14	1	45.4	----	----	----	----	1	1	1	----	2	----	----	7	1	3	----	----	3	----	1	13
Norwalk,	20,370	27	1	19	32	17.6	5	----	15.6	----	----	----	----	----	----	----	----	1	----	----	4	2	2	----	----	5	4	2	12
Norwich,	24,954	45	1	40	45	21.6	11	7	40.0	----	----	----	----	----	----	----	----	----	----	----	12	3	4	----	----	5	4	3	14
Orange,	7,486	8	1	4	12	19.2	5	3	66.6	----	----	----	----	----	----	----	----	----	----	----	3	----	----	----	----	1	2	----	6
Putnam,	7,514	11	----	4	9	14.3	2	1	33.3	----	----	----	----	----	----	1	----	----	----	----	1	----	1	----	----	1	----	----	5
Southington,	5,967	12	1	3	3	6.0	2	----	66.6	----	----	----	----	----	----	----	----	----	1	----	1	----	----	----	----	----	----	----	1
Stamford,	19,465	41	3	12	35	20.9	11	1	34.2	----	----	----	----	----	----	----	----	----	----	----	6	3	1	----	2	4	----	3	16
Stonington,	8,810	15	1	5	11	14.9	5	----	45.4	----	----	----	----	----	----	----	----	----	----	----	3	----	----	1	----	1	----	----	6
Thompson,	6,614	12	----	3	7	12.7	2	----	28.7	----	----	----	----	----	----	----	----	----	----	----	2	----	1	1	----	1	----	----	2
Torrington,	13,733	42	1	7	20	17.4	14	2	80.0	----	----	----	----	----	1	----	----	----	----	----	10	----	1	----	----	2	----	----	6
Vernon,	8,420	19	----	4	6	8.5	2	----	33.3	----	----	----	----	----	----	----	----	----	----	----	1	----	1	2	----	----	1	----	1
Wallingford,	9,484	22	1	3	14	17.7	5	3	57.1	----	----	----	----	----	----	----	----	----	----	----	4	----	----	----	----	3	1	1	5
Waterbury,	54,726	139	3	42	90	19.5	39	11	55.5	----	----	2	----	----	3	6	1	3	----	----	18	----	2	7	2	9	5	6	26
Winchester,	8,079	13	----	6	12	13.3	4	----	33.3	----	----	----	----	----	----	1	----	----	----	----	1	----	1	----	1	3	1	----	4
Windham,	10,157	20	----	3	15	17.7	5	2	46.6	----	----	----	----	----	----	----	----	----	----	----	4	----	----	----	----	3	2	1	5
Total of the 34 above towns,	698,608	1475	57	485	1110	19.0	388	93	43.3	----	5	4	----	5	12	24	1	26	5	----	227	21	92	45	18	124	54	54	393
131 towns of less than 5,000 inhabitants,	238,999	372	21	103	285	14.3	56	7	22.1	1	----	----	----	----	1	5	----	2	2	----	35	7	21	6	5	42	25	19	114
Total reported from 165 towns,	937,607	1847	78	588	1395	17.8	444	100	38.9	1	5	4	----	5	13	29	1	28	7	----	262	28	113	51	23	166	79	73	507
Population of towns not reporting,	3,178																												

The Mortality in Public Institutions of the State was: in Bridgeport, 13; in Danbury, 4; in Hartford, 28; in Meriden, 1; in Middletown, 23; in New Britain, 2; in New Haven, 38; in New London, 5; in Norwalk, 2; in Norwich, 2; in Stamford, 3; in Waterbury, 10; and in Winchester, 6. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in August: Andover, Ashford, Avon, Barkhamsted, Bethlehem, Bloomfield, Bolton, Bridgewater, Brookfield, Chaplin, Colebrook, Durham, Eastford, East Granby, Granby, Kent, Killingworth, Lyme, Marlborough, Middlebury, Monroe, North Branford, Old Lyme, Pomfret, Salem, Scotland, Sherman, South Windsor, Tolland, Union, Warren, Westbrook—32.

The Registrars of the following towns have made no report for August: Bethany, North Canaan, Woodbridge.

REMARKS.

By Mortality Reports received there were 1,395 deaths during the month of August. This was 19 less than in July, and 47 more than in August of last year, and 21 less than the average number of deaths in August for the five years preceding.

	1903	1902	1901	1900	1899	1898
January,	1420	1172	1439	1367	1565	1153
February,	1303	1124	1381	1261	1192	1026
March,	1421	1239	1441	1691	1221	1272
Total 1st quarter,	4144	3535	4261	4319	3978	3451
April,	1245	1191	1253	1678	1169	1197
May,	1265	1100	1056	1230	1025	1138
June,	1163	1061	1022	1121	1048	984
Total 2d quarter,	*3673	3352	3331	4029	3242	3319
July,	†1414	1394	1297	1583	1369	1225
August,	1395	1348	1310	1642	1382	1402

The death-rate was 19.0 for the large towns, for the small towns 14.3, and for the whole State 17.8.

The deaths reported from infectious diseases, including diarrhœal, were 496, being 35.5 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Newtown, 1; Putnam, 5.—Total, 6 in 2 towns.

Measles.—Ansonia, 2; Beacon Falls, 1; Bridgeport, 16; Burlington, 5; East Haven, 1; Granby, 1; Hartford, 3; Madison, 1; Naugatuck, 18+; New Haven, 7; Norwalk (city), 1; Redding, 2; Ridgefield, 5; Roxbury, 2; Sharon, 2; Wallingford (epidemic); Waterbury, 2; West Hartford, 10; Winsted (borough), 1.—Total, 80+ in 19 towns

Scarlet Fever.—Ansonia, 4; Berlin, 1; Bozrah, 1; Branford, 2; Bridgeport, 3; Cheshire, 1; Danbury (city), 1; Derby, 3; East Hartford, 1; East Windsor, 1; Hartford, 9; Huntington, 1; Killingly, 1; Manchester, 2; Monroe, 1; Naugatuck, 7; New Britain (city), 6; New Haven, 16; Norwalk (city), 1; Norwich (city), 1; Old Lyme, 5; Roxbury, 1; Saybrook, 3; Shelton (borough), 12; Simsbury, 1; Southbury, 1; South Norwalk (city), 7; Stamford (city), 3; Stamford (town), 2; Stonington, 1; Torrington, 1; Wallingford, 2; Waterbury, 4; Willimantic (city), 1.—Total, 107 in 32 towns.

Cerebro-Spinal Fever.—Somers, 1.

Diphtheria and Croup.—Bridgeport, 7; Brooklyn, 1; Chatham, 1; Colchester, 2; Darien, 1; Groton, 2; Hartford, 11; Manchester, 1; Meriden (city), 1; Milford, 1; Naugatuck, 4; New Britain (city), 5; New Britain (town), 1; New Haven, 9; New London, 2; Norwalk, 2; Old Saybrook, 4; Plainfield, 3; Shelton (borough), 1; Southbury, 2; South Norwalk (city), 1; Stafford Springs (borough), 1; Stamford (city), 2; Suffield, 1; Torrington, 2; Wallingford, 2; Waterbury, 7; Watertown, 1; West Haven (borough), 1.—Total, 89 in 27 towns.

Whooping Cough.—Ansonia, 4; Brooklyn, 3; Coventry, 3+; East Hartford, 2; Enfield, 1; Hartford, 3; Litchfield, 8; Madison, 2; Newington, 3; Norfolk, 5; Sharon, 3; Stamford (city), 2; Waterbury, 2; Westbrook, 2; Windsor Locks, "several."—Total, 43+ in 15 towns.

Typhoid Fever.—Ansonia, 11; Branford, 1; Bridgeport, 15; Bristol, 1; Cromwell, 2; Danbury (city), 3; Danbury (town), 1; Derby, 4; Durham, 1; East Hartford, 2; East Lyme, 1; Enfield, 1; Glastonbury, 2; Greenwich, 19; Groton, 3; Hartford, 17; Hebron, 1; Huntington, 1; Manchester, 4; Meriden (city), 3; Meriden (town), 1; Middletown, 1; Milford, 1; New Haven, 19; Newtown, 2; Norwalk (city), 2; Old Lyme, 1; Plymouth, 1; Redding, 2; Ridgefield, 3; Ridgefield (borough), 1; Rockville (city), 1; Salisbury, 1; Shelton (borough), 2; South Norwalk (city), 2; Suffield, 2; Torrington, 2; Vernon, 1; Washington, 2; Waterbury, 21; Watertown, 2; Westbrook, 1; West Haven (borough), 1; Willimantic (city), 1; Winsted (borough), 1; Woodbury, 3.—Total, 170 in 41 towns.

Consumption.—Bridgeport, 7; Guilford, 1; Hartford, 1; New Britain (city), 1; Norfolk, 1; Seymour, 1; South Norwalk (city), 1; Washington, 1; West Haven (borough), 1.—Total, 15 in 9 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Barkhamsted, Bethany, Bethel, Bethlehem, Bloomfield, Bolton, Bridgewater, Brookfield, Canaan, Canton, Chaplin, Chester, Clinton, Colebrook, Columbia, Cornwall, Danielson (borough), Eastford, East Granby, East Haddam, Easton, Ellington, Fairfield, Farmington, Franklin, Goshen, Griswold, Hamden, Hampton, Hartland, Harwinton, Jewett City (borough), Kent, Killingworth, Lebanon, Ledyard, Lisbon, Lyme, Mansfield, Marlborough, Middlebury, Montville, Morris, New Canaan, New Fairfield, New Hartford, New Milford, North Branford, North Canaan, North Haven, North Stonington, Norwich, Orange, Plainville, Pomfret, Portland, Preston, Prospect, Rocky Hill, Salem, Scotland, Sherman, South Windsor, Stafford, Sterling, Stonington (borough), Stratford, Thomaston, Thompson, Tolland, Trumbull, Union, Voluntown, Warren, Waterford, Weston, Westport, Wethersfield, Willington, Wilton, Winchester, Windham, Windsor, Wolcott, Woodbridge, Woodstock.—Total, 89.

* Twenty-three delayed certificates of death have been returned after publication of the Bulletins, during the first six months of the year.

† Since the last issue, 6 delayed certificates for July have been received, due in almost every instance to the negligence of the Registrars.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Small Pox.—Newtown, 1.

Diphtheria and Croup.—Old Saybrook, 1.

Whooping Cough.—Hamden, 1; Stafford, 1; Windsor Locks, 3.—Total, 5.

Typhoid Fever.—Simsbury, 1; Washington, 1.—Total, 2.

Consumption.—Bethel, 2; Canton, 1; Clinton, 1; East Lyme, 1; Fairfield, 1; Hamden, 1; Hebron, 1; Lebanon, 1; Lisbon, 1; Plainfield, 1; Plainville, 1; Ridgefield, 2; Somers, 1; Sprague, 1; Stratford, 1; Washington, 2; Watertown, 1; Weston, 1.—Total, 21.

All the Health Officers of New London, Fairfield, Litchfield and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

Hartford Co.—Southington.
New Haven Co.—Oxford.
Windham Co.—Canterbury.
Middlesex Co.—Haddam, Essex, Middlefield.

There is a marked lessening of Measles, Scarlet Fever and Diphtheria largely due, no doubt, to the closure of the schools.

The following table exhibits a comparison with their average monthly prevalence and mortality in the previous 5 months.

	Measles		Scarlet Fever		Diphtheria	
	Cases Reported	Deaths	Cases Reported	Deaths	Cases Reported	Deaths
Aug.	80	5	107	4	89	13
Average previous 5 months	723	25	253	19	103	19

A decided increase in Typhoid Fever is observed. There were 170 cases reported, against an average of 150 in the Augusts of the previous five years.

MEDICAL INSPECTION OF SCHOOLS.

The public schools of Connecticut are now just opening for the year. It may well be urged that there is no other one line of endeavor in sanitary administration which is capable of producing more positive improvement in the general health of the public than the systematic medical inspection of the public schools.

Wherever this duty has been undertaken, chiefly in cities, the reports of what has been found are a revelation and a surprise. In every school of average numbers where the inspections have been made, numerous cases of Measles, Scarlet Fever, Diphtheria, Mumps, Chicken Pox, contagious affections of the eyes and skin diseases have been found.

This seems to be a condition not at all unusual. In every city where such inquiry has been made the same facts are developed. Contagious diseases of various kinds are found to be continuously present.

The laws of Connecticut are imperious in compelling attendance at school during school age. The laws of nature are more imperious and infallible than the laws of man. It is one of the laws of nature that a school child staying in the same school-room with another who has a contagious malady is liable to contract such disease and then must accept its fate to endure it until recovery or a fatal termination.

If our law-makers compel our children to take such exposures, it is surely their duty to take every known means to reduce to the minimum the risk to health and life.

It has been demonstrated that in all our well filled public schools dangerous contagious diseases are continually present. It has long been observed that epidemic diseases are more prevalent during the school sessions than in the vacation periods. It is not the school children only that are concerned—the general public is involved.

The situation is a simple one, but full of reasons for anxiety and solicitude. Our public schools have been determined by the surest tests to be centers of infection of dangerous diseases.

In the city of New York during the year 1901 over 22 per cent. of the public school children were subjected to a medical examination. Of these, from time to time, more than 10 per cent. were excluded from attendance because found afflicted with communicable diseases. The whole number in that year was 10,448 temporarily suspended until recovery. Other cities have developed the same conditions. Both in Hartford and in New Haven the situation has been found parallel to that of New York.

The laws of Connecticut compel the exposure of our well children to incur this serious risk. Do not the dictates of humanity demand that immediately a life-saving service be organized and established? The most effective means of safety known is a daily systematic medical inspection of all the schools and the exclusion of such pupils as have contagious diseases until they recover.

Although it may be thought expensive it will prove to be cheaper than doctors' bills and funerals, in verification of the old adage, "That an ounce of prevention is better than a pound of cure."

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, September 15, 1903.

METEOROLOGICAL REPORT FOR THE MONTH OF AUGUST, 1903.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and tooths.	8 A. M.	8 P. M.	
1	30.29	30.29	64	68	66	77	54	23	65	56	N	7	W	6	142	17	.0	Clear	Clear	Clear
2	30.43	30.36	66	70	65	76	54	22	61	55	N	6	S W	5	152	14	.0	Clear	Partly Cl'dy	Clear
3	30.35	30.27	65	69	66	74	58	16	66	78	N E	9	S E	8	185	13	T	Partly Cl'dy	Cloudy	Partly Cl'dy
4	30.22	30.03	61	62	64	69	60	9	91	97	N E	5	E	12	266	28	.39	Cloudy	Light Rain	Cloudy
5	29.87	29.93	57	58	59	62	56	6	100	94	N E	20	N	12	407	33	1.93	Light Rain	Misting	Cloudy
6	30.00	29.89	58	62	60	64	55	9	88	97	N E	6	S W	6	177	18	1.66	Cloudy	Cloudy	Cloudy
7	29.81	29.95	65	64	66	77	55	22	90	58	W	4	N	9	164	21	.28	Cloudy	Clear	Partly Cl'dy
8	30.05	30.01	60	60	60	68	52	16	73	68	N	3	S W	7	139	15	.0	Clear	Clear	Clear
9	29.91	29.85	61	66	62	69	56	13	94	92	S E	8	W	2	119	14	.01	Misting	Partly Cl'dy	Cloudy
10	29.98	30.00	66	71	70	80	60	20	87	63	N	3	W	5	115	13	.0	Clear	Clear	Clear
11	29.97	29.84	62	67	67	75	59	16	94	90	N	4	S E	4	121	17	.02	Sprinkling	Cloudy	Cloudy
12	29.89	29.98	67	65	68	77	58	19	71	65	N W	4	N W	7	160	14	.0	Clear	Clear	Clear
13	30.11	30.12	63	65	64	74	53	21	60	62	N W	7	W	4	128	16	.0	Clear	Cloudy	Clear
14	30.15	30.07	62	66	62	71	54	17	66	71	N	7	S W	3	125	12	.0	Clear	Clear	Partly Cl'dy
15	30.12	30.10	66	69	68	79	57	22	61	64	N	6	N W	6	124	15	.0	Clear	Clear	Clear
16	30.09	30.03	62	66	66	74	58	16	75	72	N E	9	N W	3	112	11	T	Cloudy	Sprinkling	Cloudy
17	30.03	30.04	63	70	67	79	55	24	64	64	N W	5	S W	5	125	12	T	Clear	Cloudy	Clear
18	30.08	30.04	65	70	67	77	57	20	68	77	N	6	S W	8	151	12	.0	Clear	Clear	Clear
19	30.02	29.90	68	71	72	78	66	12	90	92	S	10	S	7	197	18	T	Cloudy	Partly Cl'dy	Partly Cl'dy
20	29.72	29.78	68	70	71	76	66	10	97	72	S E	6	N W	4	123	12	.20	Light Rain	Partly Cl'dy	Cloudy
21	29.98	29.97	67	69	70	79	61	18	70	79	N	8	S W	6	168	13	.0	Clear	Clear	Clear
22	29.87	29.79	70	75	72	84	61	23	66	73	S W	15	W	11	287	29	T	Clear	Sprinkling	Clear
23	29.83	29.84	71	75	76	86	67	19	70	58	S W	6	N	6	176	22	T	Cloudy	Clear	Clear
24	29.93	29.99	63	68	68	75	60	15	64	76	N	6	S	3	123	12	.0	Cloudy	Clear	Partly Cl'dy
25	29.94	29.79	60	69	70	82	57	25	91	95	N	4	W	4	137	29	.58	Cloudy	Clondy	Partly Cl'dy
26	29.93	30.01	59	66	64	70	59	11	91	85	N	9	N E	3	159	13	.04	Cloudy	Cloudy	Partly Cl'dy
27	30.06	30.08	64	67	66	73	59	14	79	84	N	7	S	5	115	13	T	Partly Cl'dy	Cloudy	Partly Cl'dy
28	30.07	30.08	63	55	58	64	53	11	100	91	E	9	N E	12	205	24	.38	Light Rain	Light Rain	Cloudy
29	30.08	30.10	55	54	57	57	52	5	98	94	N E	18	N E	13	347	25	1.33	Light Rain	Light Rain	Cloudy
30	30.08	30.03	59	58	58	62	55	7	91	100	N E	11	N E	15	314	22	.13	Misting	Light Rain	Cloudy
31	30.00	29.98	56	60	58	62	54	8	88	89	N E	15	N E	3	199	20	.01	Cloudy	Cloudy	Cloudy
Month Ave's.	30.03	30.00	63	66	65	73	58	15	80	78	N	8	S W	7	176	33	6.96			

SUMMARY.

BAROMETER.

Monthly Mean, 30.02 inches.

Highest, 30.43 in.; Date, 2.

Lowest, 29.72 in.; Date, 20.

Monthly range, .71 inches.

TEMPERATURE.

Monthly Mean, 65 degrees.
Highest, 86 degrees; Date, 23.
Lowest, 52 degrees; Date, 8.
Absolute range, 34 degrees.
Greatest daily range, 25 degrees; Date, 25.
Least daily range, 5 deg.; Date, 29.
Mean daily range, 15 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 271 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 7 miles.
Max. velocity and direction, 30 E; Date, 5.
Total monthly movement, 5,462 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 20.
*Greatest 24 hour precipitation, (in. and tooths), 2.29; Date, 4 and 5.
Total monthly precipitation, (in. and tooths), 6.96 in.
Total depth of snowfall (in.), 0.
Dates of thunder storms, 6, 25.
Accumulated deficiency of precipitation since Jan. 1st, 1.10 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---69 deg.	1889---68 deg.	1873---9.20	1889---4.38
1874---68 "	1890---69 "	1874---12.99	1890---2.67
1875---71 "	1891---71 "	1875---5.56	1891---3.14
1876---72 "	1892---71 "	1876---2.20	1892---2.90
1877---73 "	1893---71 "	1877---5.69	1893---4.86
1878---71 "	1894---69 "	1878---4.93	1894---1.70
1879---68 "	1895---71 "	1879---9.40	1895---3.91
1880---70 "	1896---71 "	1880---8.14	1896---2.57
1881---72 "	1897---69 "	1881---2.15	1897---6.81
1882---70 "	1898---72 "	1882---.26	1898---6.65
1883---69 "	1899---70 "	1883---1.26	1899---.65
1884---70 "	1900---73 "	1884---5.60	1900---.90
1885---69 "	1901---72 "	1885---8.13	1901---6.92
1886---69 "	1902---69 "	1886---4.56	1902---2.14
1887---68 "	1903---65 "	1887---4.80	1903---6.96
1888---70 "		1888---7.10	

COM. RAINFALL. (Inches and tooths.)

Monthly mean humidity, 79 per cent. Monthly mean dew point, 57. Number of clear days, 12. Number of fair days, 8. Number of cloudy days, 11.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVII. No. 9.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF SEPTEMBER, 1903.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of September, 1903 and a Statement of the Births and Marriages for the Month of August, 1903.

Total estimated population of the State is 940,785.

TOWNS.	Estimated Population.	Living Births in August.	Still Births in August.	Marriages in August.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,148	33	1	8	18	16.4	6	1	38.8									2			3		1			4	1	1	6
Branford,	5,955	8	1	1	5	10.0	1	1	40.0									1			1		1			2			
Bridgeport,	75,420	175	8	73	112	17.3	33	7	35.7		3					1					16	2	12	4	3	14	10	5	42
Bristol,	10,095	28	3	9	7	8.3	3		42.8												3					3			1
Danbury,	19,474	32	1	4	19	10.4	2	1	15.7												1		1	1	2	1	4	1	8
Derby,	8,320	22	2	9	7	10.0		1	14.2									1						1	1	1		1	2
East Hartford,	6,796	17	3		8	14.1	2		25.0								1				1					4	2		
Enfield,	6,600	15	1	6	3	5.4																					1		2
Greenwich,	12,580	14		6	16	15.2	3	1	25.0												2					5	2		7
Groton,	6,046	13	3	6	5	9.9	2		40.0													1		1				1	2
Hartford,	85,174	168	8	54	110	13.2	17	5	20.0			1	1	1	2			4			3	1	12	4	1	10	13	10	47
Huntington,	5,885	13	2	3	3	6.1	2	1	100.0												1					2			
Killingly,	6,797	13	1	6	14	24.7	8	1	64.2										1		6	1		1		1		1	3
Manchester,	11,076	19	3	6	10	10.8	1		10.0												1		3				1		5
Meriden,	29,350	61	1	11	31	12.6	7	4	35.4									3	1		2		6			1	2	3	13
Middletown,	17,942	14		12	38	20.0	8	2	26.3			1				2					2	2	8	3		4	4	2	10
Naugatuck,	11,405	29	2	3	11	11.5	5	1	54.5						1	1					1			1		1		1	5
New Britain,	30,040	64	3	26	28	11.1	4	10	50.0		1				4	2		1			2		3	2	2	1		2	8
New Haven,	112,420	245	14	76	144	14.8	33	16	34.0		5	2			2	1		6	1		14		7	7	3	17	16	8	55
New London,	18,306	36		12	34	21.6	12	1	38.2										1		6		1	1		2	2	1	20
Norwalk,	20,370	24	2	8	21	12.3	3		14.2						1						1		1		1	3	6	2	6
Norwich,	24,954	52	1	5	49	22.6	10	11	42.8						1			1	1		7		6			3	3	2	25
Orange,	7,486	10		4	6	9.6																	1				3		2
Putnam,	7,514	16	1	7	7	11.1	1	1	28.5														2						5
Southington,	5,967	9		1	5	10.0	2		40.0												1					2	1	1	
Stamford,	19,465	39	4	11	21	12.3	4	1	23.8			1									2	1	1			5	1	1	9
Stonington,	8,810	17	3	4	10	13.6		1	10.0									1			1		1	1		1	1		4
Thompson,	6,614	12		2	7	12.7	2		28.5												2	1						2	2
Torrington,	13,733	27	1	2	13	11.3	7	2	69.2						2				1		5					2			3
Vernon,	8,420	17		5	10	14.2	3		30.0												1		1						8
Wallingford,	9,484	22		4	13	16.4	4	1	38.4		1						1	1			3	2				1	1		3
Waterbury,	54,726	116	4	36	81	17.7	27	6	40.7						1			4			13	1	12	6	1	7	4	7	25
Winchester,	8,079	13		2	13	19.3	4		30.7								1					1	1			2		2	6
Windham,	10,157	13	1	7	9	10.6	1	1	22.2												1		1			2	1		4
Total of the 34 above towns,	698,608	1406	74	429	888	15.2	217	77	33.1		10	5	1	1	14	8	2	25	6		102	13	82	33	14	101	79	54	338
130 towns of less than 5,000 inhabitants,	234,906	384	14	90	266	13.5	50	11	22.9			2	1		1	3		3			23	8	20	6	9	37	28	14	111
Total reported from 164 towns,	933,514	1790	88	519	1154	14.8	267	88	30.7		10	7	2	1	15	11	2	28	6		125	21	102	39	23	138	107	68	449
Population of towns not reporting,	7,271																												

The Mortality in Public Institutions of the State was: in Bridgeport, 13; in Danbury, 2; in Hartford, 37; in Middletown, 11; in New Britain, 2; in New Haven, 30; in New London, 4; in Norwalk, 2; in Norwich, 7; in Stamford, 2; and in Waterbury, 5. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in September: Andover, Ashford, Bethany, Bethlehem, Brookfield, Canterbury, Colebrook, Columbia, Durham, Easton, Goshen, Hampton, Hartland, Kent, Killingworth, Ledyard, Lisbon, Marlborough, New Hartford, Newington, North Canaan, North Haven, North Stonington, Pomfret, Prospect, Scotland, Tolland, Weston, Woodbridge—29.

The Registrars of the following towns have made no report for September: Essex, Redding, Sprague, Washington.

REMARKS.

By Mortality Reports received there were 1,154 deaths during the month of September. This was 250 less than in August and 12 less than in September of last year, and 79 less than the average number of deaths in September for the five years preceding.

	1903	1902	1901	1900	1899	1898
January,	1420	1172	1439	1367	1565	1153
February,	1303	1124	1381	1261	1192	1026
March,	1421	1239	1441	1691	1221	1272
Total 1st quarter,	4144	3535	4261	4319	3978	3451
April,	1245	1191	1253	1678	1169	1197
May,	1265	1100	1056	1230	1025	1138
June,	1163	1061	1022	1121	1048	984
Total 2d quarter,	3673	3352	3331	4029	3242	3319
July,	1414	1394	1297	1583	1369	1225
August,	1404	1348	1310	1642	1382	1402
September,	1154	1166	1235	1270	1142	1351
Total 3d quarter,	*3972	3908	3842	4495	3893	3978

The death-rate was 15.2 for the large towns, for the small towns 13.5, and for the whole State 14.8.

The deaths reported from infectious diseases, including diarrhœal, were 330, being 28.6 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Putnam, 9.

Measles.—Ansonia, 2; Bridgeport, 7; Danbury, 7; Derby, 1; Fairfield, 3; Granby, 2; Hartford, 3; Naugatuck, 5; New Haven, 1; New London, 4; Wallingford (epidemic).—Total, 35+ in 11 towns.

Scarlet Fever.—Branford, 1; Bridgeport, 1; Canterbury, 1; Derby, 4; Fairfield, 1; Farmington, 1; Hartford, 10; Huntington, 6; Jewett City (borough), 3; Manchester, 2; Middletown, 11; Naugatuck, 3; New Britain (city), 3; New Britain (town), 1; New Haven, 13; Norfolk, 1; Norwalk (city), 1; Norwich (city), 1; Plainfield, 1; Plainville, 1; Saybrook, 4; Seymour, 1; Shelton (borough), 4; Somers, 1; South Norwalk (city), 1; Stamford (city), 6; Stonington, 1; Stratford, 3; Torrington, 1; Waterbury, 7; Windsor Locks, 2.—Total, 97 in 28 towns.

Diphtheria and Croup.—Ansonia, 1; Barkhamsted, 1; Bridgeport, 2; Danbury (city), 1; Danbury (town), 1; Darien, 1; Derby, 1; Greenwich, 1; Griswold, 1; Groton, 3; Hartford, 9; Hebron, 1; Jewett City (borough), 2; Meriden (city), 1; Middletown, 2; Milford, 1; Naugatuck, 3; New Britain (city), 6; New Haven, 13; New London, 1; Norwalk (city), 3; Norwich (city), 1; Southington, 1; Shelton (borough), 1; Sprague, 1; Stafford Springs, 3; Stamford (city), 5; Torrington, 2; Waterbury, 7; West Hartford, 1; Westport, 2.—Total, 79 in 29 towns.

Whooping Cough.—Ansonia, 1; Bristol, 1; Canaan, 1; Colchester (few cases); Cromwell, 3; Hartford, 2; Hartland, 5; Killingworth, 2; Thomaston, 5+; Wallingford (epidemic); Wilton, 1.—Total, 21+ in 11 towns.

Typhoid Fever.—Ansonia, 11; Bethel, 1; Branford, 3; Bridgeport, 5; Canton, 1; Chaplin, 1; Danbury (city), 3; Darien, 1; Derby, 1; East Hartford, 3; East Windsor, 1; Farmington, 1; Greenwich, 7; Groton, 1; Guilford, 1; Hamden, 1; Hartford, 8; Hebron, 1; Ledyard, 1; Meriden (city), 2; Milford, 1; New Britain (city), 2; New Haven, 25; Norwalk, 3; Norwich (city), 5+; Plainfield, 1; Plymouth, 1; Rockville, 1; Seymour, 4; Southbury, 1; Southington, 1; South Norwalk (city), 5; South Windsor, 1; Stamford (city) 7; Stonington (borough), 1; Torrington, 1; Washington, 1; Waterbury, 14; West Haven (borough); 1; Windham, 1; Windsor, 1; Winsted (borough), 2.—Total, 135+ in 41 towns.

Consumption.—Bridgeport, 8; Canaan, 3; Canterbury, 1; Chatham, 1; Eastford, 1; Hartford, 2; Norwalk (city), 1; Seymour, 1; Southbury, 1; South Norwalk (city), 2; Waterbury, 5; West Haven (borough), 1.—Total, 27 in 11 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Beacon Falls, Berlin, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Brooklyn, Burlington, Cheshire, Chester, Clinton, Columbia, Cornwall, Coventry, Danielson (borough), Dnrham, East Granby, East Haddam, East Haven, East Lyme, Easton, Ellington, Enfield, Glastonbury, Goshen, Hampton, Harwinton, Kent, Killingly, Lebanon, Lisbon, Litchfield, Mansfield, Marlborough, Meriden, Middlebury, Monroe, Montville, Morris, New Canaan, New Fairfield, New Hartford, Newington, New Milford, Newtown, North Branford, North Canaan, North Haven, North Stonington, Norwich, Old Lyme, Orange, Oxford, Pomfret, Portland, Preston, Prospect, Redding, Ridgefield, Rocky Hill, Roxbury, Salem, Salisbury, Scotland, Sharon, Sherman, Stafford, Stamford, Sterling, Suffield, Tolland, Trumbull, Union, Vernon, Voluntown, Warren, Waterford, Watertown, Westbrook, Weston, Wethersfield, Willimantic (city), Willington, Winchester, Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 93.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Scarlet Fever.—Old Lyme, 1; Stratford, 1.—Total, 2.

La Grippe.—Willington, 1.

Diphtheria and Croup.—Stafford, 1.

Whooping Cough.—Portland, 1; Stafford, 1; Westport, 1.—Total, 3.

Typhoid Fever.—Cromwell, 1; Hamden, 1; Plainfield, 1.—Total, 3.

Consumption.—Canton, 1; Chatham, 1; Chester, 1; Colchester, 2; Coventry, 2; Darien, 1; Ellington, 1; Franklin, 1; Guilford, 1; Harwinton, 1; Monroe, 1; New Milford, 1; Preston, 1; Somers, 1; Stafford, 1; Thomaston, 1; Wethersfield, 1; Woodstock, 1.—Total, 20.

All the Health Officers of New Haven, Fairfield, Litchfield and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD CO.—Simsbury.

NEW LONDON CO.—Franklin, Lyme.

WINDHAM CO.—Thompson.

MIDDLESEX CO.—Haddam, Essex, Middlefield, Old Saybrook.

SMALL POX.

A very notable event of the year is the diminished mortality from small pox. During the year ending August 31st there had been but one death in the State from that disease, as against twenty-two in the corresponding previous year.

"Dr. Alfred W. Schooley, borough physician of Braddock, Penn., treated 102 cases of small pox at the pest house during the year past, *only one of which proved fatal.* He attributes his success to the fact that he refused to permit any of his patients to taste alcoholic beverages during their illness." (New Haven Journal & Courier.)

There were reported 288 cases of small pox in Connecticut in the past year, scattered through eighteen different towns, and *only one fatal.* To what would Dr. Schooley attribute the results in Connecticut from "any-old-way" of treatment. In fact the only rational explanation of the remarkably low death-rate is the extremely and unprecedented mild character of the epidemic. In all the literature of small pox there is no instance of an epidemic so widespread and benignant in type. The gentle, mild character of the malady has been the chief promoter of its spread. There are records of many persons who pursued their usual occupations with little or no interruption, thus spreading the infection widely among those who were not protected by vaccination. Again, the disease as it has presented itself is so different from the type described in the books that every first outbreak in a town developed a difference of opinion among doctors on the diagnosis, and many primary cases were not put under any restrictions. Many cases have escaped the attention of the Health Officer altogether.

The only town in the State in which it exists at present is Putnam, where it has prevailed more or less since February, 1902, the health authorities having signally failed to effect a general vaccination. Of the hundreds of small pox cases which have occurred in Connecticut, not one of them had been successfully vaccinated within five years previous to the attack.

ANNUAL REPORTS.

The annual reports of local Health Officers are now due. About three-fourths of them have been received.

It is urgently desired that the remainder be promptly forwarded in order to facilitate the publication of the Annual Report of the State Board.

These reports to the State Board give a concise statement of the health of each town, the prevailing diseases of the past year, instructive illustrations of the origin of epidemics and the efforts successful or otherwise of the health officer in controling them. They give a summary of the work of the health officer during the year, and special notices of the water, milk and ice supplies, with remarks upon the general sanitary condition of the respective towns. As a supplement to the monthly reports of sickness and mortality they are necessary to the preparation of the Annual Report of the State Board.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and Superintendent of Vital Statistics.

NEW HAVEN, October 15, 1903.

* Thirty-eight delayed certificates of death have been returned after publication of the Bulletins, during the first nine months of the year.

METEOROLOGICAL REPORT FOR THE MONTH OF SEPTEMBER, 1903.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.						PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.							
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and rooths.	8 A. M.	8 P. M.	
1	29.98	30.03	62	66	65	72	58	14	84	92	N W	4	S W	6	119	12	.0	Cloudy	Cloudy	Partly Cl'dy
2	30.08	30.13	63	65	66	74	58	16	95	80	N	4	S E	2	93	10	.0	Cloudy	Clear	Partly Cl'dy
3	30.15	30.14	63	67	65	75	55	20	87	85	N	5	S	6	131	12	.0	Clear	Clear	Clear
4	30.15	30.18	64	67	68	74	61	13	92	94	S W	8	S W	4	174	15	.0	Cloudy	Cloudy	Partly Cl'dy
5	29.97	29.88	67	64	68	74	63	11	97	97	S W	2	N W	6	133	23	.46	Cloudy	Cloudy	Cloudy
6	30.01	30.08	61	60	62	70	54	16	68	65	N	14	N	7	220	21	.02	Partly Cl'dy	Clear	Clear
7	30.17	30.21	60	60	60	70	50	20	63	65	N W	8	N	5	133	12	.0	Clear	Partly Cl'dy	Partly Cl'dy
8	30.32	30.36	54	60	58	68	49	19	67	69	N E	16	S E	5	196	18	.0	Cloudy	Clear	Partly Cl'dy
9	30.39	30.30	54	62	58	65	50	15	82	69	N	3	S	6	142	12	.0	Cloudy	Cloudy	Cloudy
10	30.20	30.08	66	69	68	74	62	12	82	93	S	5	S W	8	182	15	.0	Cloudy	Cloudy	Cloudy
11	30.09	30.20	71	69	72	83	62	21	81	67	W	9	N W	3	143	12	.19	Clear	Clear	Clear
12	30.30	30.27	63	68	66	78	55	23	71	67	N	7	S W	5	147	12	.0	Clear	Clear	Clear
13	30.24	30.14	66	71	70	80	60	20	87	93	S W	4	S W	4	144	17	.0	Clear	Clear	Clear
14	30.14	30.14	72	73	77	88	66	22	84	86	S W	5	S W	5	156	16	.0	Clear	Clear	Clear
15	30.19	30.18	71	71	75	84	66	18	88	90	S W	6	S W	7	180	17	.0	Clear	Clear	Clear
16	30.14	29.92	70	74	72	75	68	7	98	80	E	6	S W	28	441	81	.22	Cloudy	Partly Cl'dy	Cloudy
17	29.92	29.78	72	67	72	77	66	11	93	100	S W	15	N	2	397	50	.29	Cloudy	Sprinkling	Cloudy
18	30.03	30.24	58	57	58	67	50	17	72	68	N	9	N	6	177	16	.13	Cloudy	Partly Cl'dy	Partly Cl'dy
19	30.43	30.39	53	56	56	66	46	20	66	88	N	10	S E	2	147	17	.0	Clear	Partly Cl'dy	Partly Cl'dy
20	30.41	30.30	50	58	56	66	47	19	84	64	N	14	N E	10	238	17	.0	Cloudy	Partly Cl'dy	Partly Cl'dy
21	30.20	30.14	54	59	60	70	49	21	66	68	N	12	N W	7	224	20	.0	Partly Cl'dy	Clear	Clear
22	30.14	30.14	64	67	65	79	51	28	65	62	N W	2	N	7	150	12	.0	Clear	Clear	Clear
23	30.11	29.90	61	67	64	75	52	23	68	88	N	8	S	8	166	12	.0	Clear	Partly Cl'dy	Clear
24	19.71	29.88	60	54	55	63	47	16	75	58	N	22	N	12	253	25	.0	Cloudy	Clear	Partly Cl'dy
25	30.06	30.10	48	55	54	65	42	23	69	76	N	3	W	5	143	16	.0	Clear	Clear	Clear
26	30.20	30.15	53	63	58	71	44	27	78	84	N	1	S W	10	185	20	.0	Clear	Partly Cl'dy	Clear
27	30.03	29.89	66	62	64	70	57	13	90	97	S	11	S W	8	242	21	.70	Cloudy	Light Rain	Cloudy
28	30.03	30.19	55	51	54	62	46	16	73	70	W	8	N W	5	214	24	.19	Clear	Clear	Clear
29	30.28	30.34	46	49	48	55	41	14	65	64	N W	8	N	5	220	24	.0	Clear	Clear	Clear
30	30.43	30.36	50	58	54	67	41	26	67	76	N	4	S W	6	178	15	.0	Clear	Clear	Clear
31																				
Month Ave's.	30.15	30.13	61	63	63	72	54	18	79	78	N	8	S W	7	189	81	2.20			

SUMMARY.

BAROMETER.

Monthly Mean, 30.14 inches.

Highest, 30.43 in.; Date, 30.

Lowest, 29.71 in.; Date, 24.

Monthly range, .72 inches.

TEMPERATURE.

Monthly Mean, 63 degrees.
Highest, 88 degrees; Date, 14.
Lowest, 41 degrees; Date, 29.
Absolute range, 47 degrees.
Greatest daily range, 28 degrees; Date, 22.
Least daily range, 7 deg.; Date, 16.
Mean daily range, 18 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 235 degrees.

WIND.

Prevailing direction, S W.
Mean hourly velocity, 8 miles.
Max. velocity and direction, 60 S; Date, 5.
Total monthly movement, 5,668 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 8.
*Greatest 24 hour precipitation, (in. and rooths), .89; Date, 27.
Total monthly precipitation, (in. and rooths), 2.20 in.
Total depth of snowfall (in.), 0.
Dates of thunder storms, 5, 11, 27.
Accumulated deficiency of precipitation since Jan. 1st, 2.61 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---62 deg.		1889---63 deg.	
1874---64 "		1890---68 "	
1875---61 "		1891---66 "	
1876---61 "		1892---62 "	
1877---65 "		1893---60 "	
1878---65 "		1894---66 "	
1879---60 "		1895---66 "	
1880---64 "		1896---63 "	
1881---70 "		1897---67 "	
1882---65 "		1898---67 "	
1883---61 "		1899---62 "	
1884---67 "		1900---67 "	
1885---62 "		1901---64 "	
1886---64 "		1902---63 "	
1887---59 "		1903---63 "	
1888---61 "			

COM. RAINFALL. (Inches and rooths.)

1873---2.12		1889---4.98	
1874---4.07		1890---5.38	
1875---2.10		1891---3.96	
1876---5.34		1892---1.54	
1877---1.13		1893---2.24	
1878---7.67		1894---4.03	
1879---2.13		1895---2.61	
1880---3.73		1896---3.42	
1881---1.45		1897---2.42	
1882---13.43		1898---2.30	
1883---3.43		1899---3.33	
1884---1.41		1900---2.10	
1885--- .77		1901---5.70	
1886---2.25		1902---5.84	
1887-- 2.21		1903---2.20	
1888---7.68			

Monthly mean humidity, 79 per cent. Monthly mean dew point, 55. Number of clear days, 15. Number of fair days, 9. Number of cloudy days, 6.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVII. NO. 10.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. RODT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF OCTOBER, 1903.

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of October, 1903, and a Statement of the Births and Marriages for the Month of September, 1903.

Total estimated population of the State is 940,785.

TOWNS.	Estimated Population.	Living Births in September.	Still Births in Sept.	Marriages in Sept.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,148	38	----	6	13	11.8	3	1	30.7	----	----	----	1	----	----	----	----	1	----	1	----	----	----	----	----	4	----	----	6
Branford,	5,955	8	1	7	5	10.0	2	----	40.0	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	----	----	3
Bridgeport,	75,420	193	8	70	110	17.3	22	7	26.3	----	1	----	----	----	1	3	----	1	----	----	3	1	12	6	4	19	9	7	43
Bristol,	10,095	31	1	8	10	11.8	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	2	2	1	----	1	----	3
Danbury,	19,474	34	2	12	29	16.6	4	3	24.1	----	----	----	----	----	2	----	----	2	----	----	1	----	3	1	2	4	4	1	9
Derby,	8,320	28	----	9	5	7.2	2	----	40.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	1	----	2
East Hartford,	6,796	10	2	6	1	1.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----
Enfield,	6,600	20	----	13	7	12.7	2	----	28.5	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	1	----	----	4
Greenwich,	12,580	17	2	3	10	9.5	2	1	30.0	----	----	----	----	----	----	----	----	1	----	----	----	----	1	1	----	2	2	1	2
Groton,	6,046	13	3	3	8	15.8	2	2	50.0	----	----	----	----	----	----	----	----	----	----	----	2	----	----	2	----	1	----	1	2
Hartford,	85,174	159	6	85	94	11.8	18	5	24.4	----	----	----	----	----	3	1	----	2	----	----	2	----	11	4	2	12	8	7	42
Huntington,	5,885	11	1	1	3	6.1	1	----	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2
Killingly,	6,797	12	----	8	10	17.6	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	2	1	----	2	1	1	2
Manchester,	11,076	17	2	10	10	10.8	2	----	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	7
Meriden,	29,350	61	1	21	27	11.0	5	2	25.9	----	----	----	----	----	1	----	----	----	1	----	2	----	4	----	----	2	4	2	11
Middletown,	17,942	28	1	6	22	8.6	3	----	13.6	----	----	----	1	----	----	----	----	2	----	----	1	----	3	2	----	4	4	1	4
Naugatuck,	11,405	30	----	11	18	18.9	2	6	44.4	----	----	----	----	----	1	----	----	----	----	----	1	----	5	2	2	4	----	----	3
New Britain,	30,040	76	5	41	34	12.7	11	2	38.2	----	----	1	----	1	----	----	----	2	----	----	2	----	1	3	----	2	4	1	17
New Haven,	112,420	250	6	104	135	13.3	20	6	19.2	----	1	2	2	1	----	1	----	8	1	----	3	----	12	9	3	11	17	13	51
New London,	18,306	40	2	30	23	15.0	5	4	39.1	----	1	----	----	----	----	----	----	----	----	----	5	----	6	3	----	2	----	----	6
Norwalk,	20,370	23	1	11	21	11.7	3	----	14.2	----	----	----	1	1	----	----	----	1	----	----	----	----	2	----	----	6	3	----	7
Norwich,	24,954	39	----	23	37	17.3	4	7	29.7	----	----	----	----	----	----	1	----	1	----	----	2	1	4	----	----	2	2	1	23
Orange,	7,486	12	1	2	9	14.4	1	----	11.1	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	----	3	2	2
Putnam,	7,514	16	1	2	7	7.9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	4
Southington,	5,967	12	----	5	9	18.0	----	1	11.1	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	1	3	1	1	1
Stamford,	19,465	44	1	16	33	19.7	5	2	21.2	----	----	1	----	----	----	----	----	2	----	----	2	1	6	2	2	4	2	4	7
Stonington,	8,810	19	1	10	18	24.5	7	1	44.4	----	----	----	----	----	----	1	----	1	----	----	3	----	2	----	----	2	4	1	4
Thompson,	6,614	17	----	7	7	12.7	2	2	57.1	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	----	----	1	1	3
Torrington,	13,733	31	1	10	12	10.4	3	3	50.0	----	----	----	----	----	4	----	----	----	----	----	----	----	----	----	1	----	2	----	5
Vernon,	8,420	15	----	9	12	17.1	5	----	41.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	2	2	6
Wallingford.	9,484	25	----	6	10	12.6	4	----	40.0	----	----	----	----	----	----	----	----	----	----	----	2	----	1	1	1	1	1	1	2
Waterbury,	54,726	153	6	47	67	14.4	17	5	32.8	----	----	1	----	----	2	4	----	1	----	----	3	1	7	4	1	7	5	7	24
Winchester,	8,079	11	----	6	7	10.3	1	----	14.2	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	1	----	1	1	3
Windham,	10,157	24	----	12	20	23.6	8	3	55.0	----	----	----	----	----	----	----	----	1	----	----	2	1	1	----	----	2	1	1	11
Total of the 34 above towns,	698,608	1517	55	620	843	14.4	166	63	27.1	----	3	5	6	3	14	11	----	28	2	1	41	6	88	47	20	104	86	57	321
134 towns of less than 5,000 inhabitants,	242,177	348	21	135	280	13.8	29	16	16.0	----	----	----	2	----	7	2	1	1	2	----	9	4	33	16	11	31	34	20	107
Total reported from 168 towns,	940,785	1865	76	755	1123	14.3	195	79	24.3	----	3	5	8	3	21	13	1	29	4	1	50	10	121	63	31	135	120	77	428

The Mortality in Public Institutions of the State was: in Bridgeport, 13; in Danbury, 5; in Hartford, 32; in Meriden, 2; in Middletown, 9; in New Britain, 4; in New Haven, 38; in New London, 3; in Norwalk, 4; in Norwich, 6; in Putnam, 2; in Stamford, 5; and in Waterbury, 6. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in October: Ashford, Beacon Falls, Bethany, Bethlehem, Bolton, Brookfield, Canterbury, Chester, Colebrook, Columbia, Guilford, Hampton, Hartland, Lebanon, Middlebury, Montville, New Fairfield, New Hartford, North Stonington, Oxford, Salem, Scotland, South Windsor, Union, Warren, Westbrook, Weston, Wolcott, Woodbridge—29.

REMARKS.

By Mortality Reports received there were 1,123 deaths during the month of October. This was 37 less than in September and 10 less than in October of last year, and 14 more than the average number of deaths in October for the five years preceding.

	1903	1902	1901	1900	1899	1898
January,	1420	1172	1439	1367	1565	1153
February,	1303	1124	1381	1261	1192	1026
March,	1421	1239	1441	1691	1221	1272
Total 1st quarter,	4144	3535	4261	4319	3978	3451
April,	1245	1191	1253	1678	1169	1197
May,	1265	1100	1056	1230	1025	1138
June,	1163	1061	1022	1121	1048	984
Total 2d quarter,	3673	3352	3331	4029	3242	3319
July,	1414	1394	1297	1583	1369	1225
August.	1404	1348	1310	1642	1382	1402
September,	*1160	1166	1235	1270	1142	1351
Total 3d quarter,	†3978	3908	3842	4495	3893	3978
October,	1123	1133	1062	1208	1036	1109

The death-rate was 14.4 for the large towns, for the small towns 13.8, and for the whole State 14.8.

The deaths reported from infectious diseases, including diarrhœal, were 269, being 23.9 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Putnam, 8.

Measles.—Ansonia, 18; Beacon Falls, 1; Bethany, 1; Bridgeport, 97; Cornwall, 14; Darien, 1; Fairfield, 1; Hartford, 2; Meriden, 1; Monroe, 1; Naugatuck, 56; New Canaan, 34; New London, 12; Seymour, 1; Simsbury, 1; Sprague, 2; Stamford (city), 1; Stratford, 1; Torrington (town and borough), 9; Waterford, 1.—Total, 255 in 20 towns.

Scarlet Fever.—Ansonia, 2; Bridgeport, 6; Cheshire, 5; Danbury, 1; East Hartford, 1; Glastonbury, 2; Hartford, 6; Huntington, 2; Jewett City (borough), 1; Manchester, 3; Middletown, 1; Naugatuck, 4; New Britain (city), 1; New Britain (town), 2; New Haven, 17; Norfolk, 1; Norwalk, 1; Norwich (city), 7; Rockville (city), 1; Seymour, 1; Shelton (borough), 2; Somers, 3; Southington, 3; South Norwalk (city), 5; South Windsor, 1; Stamford (city), 4; Stratford, 3; Thompson, 2; Wallingford, 4; Waterbury, 3; Watertown, 2; West Hartford, 3; Willimantic (city), 1; Wilton, 1, Winsted (borough), 1.—Total, 103 in 32 towns.

Diphtheria and Croup.—Ansonia, 2; Avon, 2; Bridgeport, 11; Bristol, 1; Canton, 2; Colchester (town and borough), 2; Cromwell, 1; Danbury (city), 5; East Hartford, 1; Fairfield, 1; Groton, 1; Guilford, 5; Hartford, 12; Meriden (city), 1; Naugatuck, 3; New Britain (city), 9; New Britain (town), 1; New Haven, 9; New London, 5; New Milford, 3; North Stonington, 1; Norwalk (city), 2; Norwalk (town), 3; Norwich (city), 7; Seymour, 1; Shelton (borough), 1; South Norwalk (city), 1; Sprague, 1; Stafford Springs (borough), 1; Stamford (city), 3; Stonington (borough), 2; Thomaston, 2; Thompson, 2; Torrington (town and borough), 24; Waterbury, 8; West Hartford, 2; Westport, 1; Willimantic (city), 1; Winsted (borough), 1.—Total 141 in 36 towns.

Whooping Cough.—Andover, 11; Ansonia, 1; Ashford, 3; Bridgeport, 2; Bristol, 1; Brooklyn, 6; Hartford, 1; Killingly, 50; Norwalk, 1; Rockville (city), 5+; Stamford (city), 1; Thomaston, 2; Waterbury, 10.—Total 94+ in 13 towns.

Typhoid Fever.—Ansonia, 3; Bethel, 1; Branford (town and borough), 2; Bridgeport, 6; Chaplin, 1; Chatham, 1; Coventry, 1; Danbury (city), 4; Darien, 1; East Windsor, 1; Ellington, 1; Greenwich, 1; Hartford, 11; Hebron, 2; Killingly, 1; Lebanon, 1; Monroe, 1; New Britain (city), 1; New Canaan, 1; New Haven, 68‡; New London, 4; Norwalk, 1; Norwich (city), 3; Norwich (town), 1; Rockville (city), 1; Rocky Hill, 2; Scotland, 1; Simsbury, 1; Southington, 2; South Norwalk (city), 5; Stafford Springs (borough), 5; Stamford (city), 1; Stonington, 2; Thomaston, 1; Torrington, 1; Wallingford, 2; Waterbury, 16; Watertown, 1; Willimantic (city), 1; Windham, 2; Winsted (borough), 3.—Total, 165 in 38 towns.

Consumption.—Berlin, 1; Bridgeport, 4; Killingworth, 1; Naugatuck, 1; Rocky Hill, 1; Roxbury, 1; Saybrook, 1; South Norwalk (city), 1; Waterbury, 6; Watertown, 1; Willimantic (city), 7.—Total, 25 in 11 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Barkhamsted, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Burlington, Canaan, Canterbury, Chester, Clinton, Colebrook, Columbia, Danielson (borough), Derby, Durham, Eastford, East Granby, East Haddam, East Haven, East Lyme, Easton, Essex, Franklin, Goshen, Griswold, Hamden, Hampton, Hartland, Harwinton, Kent, Ledyard, Lisbon, Litchfield, Lyme, Mansfield, Marlborough, Milford, Montville, Morris, New Fairfield, New Hartford, Newington, Newtown, North Branford, North Canaan, North Haven, Old Lyme, Old Saybrook, Orange, Oxford, Plainfield, Plainville, Plymouth, Pomfret, Portland, Prospect, Redding, Salem, Salisbury, Sharon, Sherman, Southbury, Stafford, Stamford, Sterling, Suffield, Tolland, Union, Vernon, Voluntown, Warren, Westbrook, West Haven (borough), Weston, Wethersfield, Willington, Winchester, Windsor, Windsor Locks, Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 85.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

La Grippe.—Killingworth, 1; Willington, 1.—Total, 2.

Diphtheria and Croup.—Canton, 1; Chatham, 1; Fairfield, 1; Farmington, 1; Seymour, 1; Sprague, 1; Thomaston, 1.—Total, 7.

Whooping Cough.—Andover, 1; Windsor Locks, 1.—Total, 2.

Typhoid Fever.—Watertown, 1.

Consumption.—Barkhamsted, 1; Berlin, 1; Canaan, 1; Colchester, 1; Cromwell, 1; Eastford, 1; Fairfield, 1; Farmington, 2; Franklin, 2; Griswold, 1; Lisbon, 1; Monroe, 1; New Canaan, 1; New Milford, 1; North Canaan, 1; Old Lyme, 1; Plainfield, 1; Plymouth, 1; Portland, 2; Roxbury, 1; Salisbury, 3; Southbury, 1; Stratford, 1; Westport, 1; Wethersfield, 1; Wilton, 1; Woodbury, 1; Woodstock, 1.—Total, 33.

All the Health Officers of Windham and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

Hartford Co.—Enfield, Farmington, Granby.
New Haven Co.—Madison, Middlebury.
New London Co.—Preston.
Fairfield Co.—Ridgefield (town and borough), Trumbull.
Litchfield Co.—Washington.
Middlesex Co.—Haddam, Middlefield.

VACCINATION CREED OF CHICAGO.

The department of health, after years of experience with small pox and vaccination, hereby declares:

First.—That true vaccination—repeated until it no longer "takes"—*always* prevents small pox. *Nothing else does.*

Second.—That true vaccination—that is, vaccination properly done on a *clean* arm with *pure* lymph and kept perfectly *clean* and *unbroken* afterwards—never did and *never will* make a serious sore.

Third.—That such a vaccination leaves a characteristic scar, unlike that from any other cause, which is recognizable during life, and is the *only* conclusive evidence of a successful vaccination.

Fourth.—That no untoward results ever follow such vaccination; on the other hand thousands of lives have been sacrificed through the neglect to vaccinate—a neglect begotten of *lack of knowledge.*

Arthur R. Reynolds, M.D.,
Commissioner of Health, City of Chicago.

The above exactly expresses the faith of the Connecticut State Board of Health.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, November 15, 1903.

*Since the last issue six delayed certificates for September have been returned, due in almost every instance to the negligence of the Registrars.

†Forty-four delayed certificates of death have been returned after publication of the bulletin during the first nine months of the year.

‡A considerable part of this number of Typhoid cases occurred in the jail and at St. Francis Orphan Asylum during the preceding three months and were not reported until October.

METEOROLOGICAL REPORT FOR THE MONTH OF OCTOBER, 1903.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.26	30.09	57	66	63	73	53	20	82	75	S W	8	S W	9	225	25	.0	Clear	Cloudy	Clear
2	30.08	30.22	62	65	68	77	60	17	92	92	N W	5	N E	10	179	17	.07	Sprinkling	Cloudy	Cloudy
3	30.37	30.33	54	58	58	67	49	18	85	74	N E	12	E	6	246	17	.01	Clear	Clear	Clear
4	30.33	30.21	54	64	56	66	45	21	82	90	N E	3	S	10	218	20	.0	Partly Cl'dy	Partly Cl'dy	Clear
5	30.15	30.13	63	65	68	74	61	13	89	95	S W	6	N W	2	162	17	.03	Cloudy	Light Rain	Partly Cl'dy
6	30.20	30.21	58	62	65	72	58	14	80	92	N	4	E	5	155	15	.01	Cloudy	Partly Cl'dy	Cloudy
7	30.27	30.15	58	59	58	61	56	5	94	97	N E	8	N E	6	198	17	.03	Cloudy	Misting	Cloudy
8	29.91	29.78	66	65	65	72	58	14	95	92	S E	14	S E	17	403	30	.02	Cloudy	Cloudy	Cloudy
9	29.69	29.82	63	60	62	68	56	12	92	94	E	26	N E	18	573	40	1.09	Light Rain	Light Rain	Cloudy
10	29.97	29.96	55	52	53	56	50	6	73	90	N E	24	N E	31	695	57	.03	Cloudy	Cloudy	Cloudy
11	29.94	29.86	50	51	52	54	49	5	87	94	N E	27	N E	33	697	47	.13	Misting	Cloudy	Cloudy
12	29.76	29.89	52	55	54	58	50	8	94	84	N E	21	N	12	395	40	.13	Light Rain	Cloudy	Cloudy
13	29.96	29.94	55	56	59	65	53	12	79	82	N	7	N	4	194	13	.0	Cloudy	Clear	Clear
14	29.94	29.94	52	58	60	70	49	21	78	62	N	3	N W	5	198	20	.0	Clear	Clear	Clear
15	30.07	30.06	48	56	54	62	45	17	73	68	N E	12	S	10	213	20	.0	Clear	Clear	Clear
16	30.06	29.97	57	65	60	70	51	19	82	77	N E	4	S W	5	144	15	.0	Cloudy	Cloudy	Partly Cl'dy
17	29.92	29.54	64	60	62	65	58	7	87	100	S	7	S E	4	162	27	1.05	Cloudy	Light Rain	Cloudy
18	29.54	29.95	52	46	51	60	42	18	72	74	N W	12	N E	3	305	30	.26	Clear	Clear	Clear
19	30.13	30.07	44	55	49	58	40	18	78	73	S W	8	S W	10	268	22	.0	Cloudy	Clear	Partly Cl'dy
20	29.95	29.86	54	58	58	67	49	18	76	91	S W	21	W	3	293	30	.0	Clear	Clear	Clear
21	30.07	30.24	50	51	50	60	41	19	58	58	N	7	N	5	198	24	.0	Clear	Clear	Clear
22	30.35	30.12	43	58	49	60	38	22	63	72	N E	6	S	20	321	28	.0	Clear	Clear	Clear
23	29.92	29.96	62	46	54	64	44	20	92	93	S W	8	N	5	266	28	.06	Light Rain	Light Rain	Cloudy
24	30.02	30.03	42	40	42	49	35	14	73	87	N	14	N	13	299	22	.02	Cloudy	Partly Cl'dy	Clear
25	29.96	29.76	33	42	40	49	30	19	69	73	N	14	N	6	226	20	.00	Partly Cl'dy	Clear	Partly Cl'dy
26	29.77	30.06	44	37	40	45	34	11	71	78	N W	22	W	4	310	33	T	Clear	Clear	Partly Cl'dy
27	30.16	30.16	34	36	36	41	32	9	62	64	N W	10	W	2	220	25	T	Clear	Clear	Partly Cl'dy
28	30.10	30.16	31	40	38	46	31	15	85	53	N	12	N	4	181	23	T	Light Snow	Clear	
29	30.17	30.03	39	54	48	62	33	29	75	59	N W	1	S W	10	183	22	.0	Clear	Clear	Clear
30	30.13	30.15	49	60	59	72	46	26	67	54	N W	4	N W	7	143	14	.0	Clear	Clear	Clear
31	30.23	30.14	50	58	56	68	45	23	71	56	N W	5	S W	4	126	15	.0	Clear	Clear	Clear
Month Ave's.	30.04	30.03	52	55	54	62	46	16	79	79	N E	11	N	9	271	57	2.94			

SUMMARY.

BAROMETER.

Monthly Mean, 30.04 inches.

Highest, 30.37 in.; Date, 3.

Lowest, 29.54 in.; Date, 17.

Monthly range, .83 inches.

TEMPERATURE.

Monthly Mean, 54 degrees.
Highest, 77 degrees; Date, 2.
Lowest, 30 degrees; Date, 25.
Absolute range, 47 degrees.
Greatest daily range, 29 degrees; Date, 29.
Least daily range, 5 deg.; Date, 11.
Mean daily range, 16 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 317 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 11 miles.
Max. velocity and direction, 43 N E; Date, 10.
Total monthly movement, 8,397 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 17.
*Greatest 24 hour precipitation, (in. and 100ths), 1.31; Date, 17,18.
Total monthly precipitation, (in. and 100ths), 2.94 in.
Total depth of snowfall (in.), T.
Dates of thunder storms, none.
Accumulated deficiency of precipitation since Jan. 1st, 3.72 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---52 deg.		1889---49 deg.	
1874---52	"	1890---51	"
1875---53	"	1891---51	"
1876---50	"	1892---52	"
1877---54	"	1893---54	"
1878---56	"	1894---53	"
1879---58	"	1895---49	"
1880---51	"	1896---50	"
1881---56	"	1897---53	"
1882---56	"	1898---54	"
1883---49	"	1899---54	"
1884---53	"	1900---58	"
1885---52	"	1901---53	"
1886---53	"	1902---57	"
1887---51	"	1903---54	"
1888---48	"		

COM. RAINFALL. (Inches and 100ths.)

1873---6.18	1889---3.96
1874---1.86	1890---7.65
1875---5.18	1891---4.62
1876---1.12	1892---0.94
1877---10.09	1893---4.75
1878---2.33	1894---6.11
1879---11.41	1895---3.32
1880---4.07	1896---2.91
1881---2.78	1897---1.25
1882---3.54	1898---7.22
1883---5.87	1899---1.78
1884---2.49	1900---2.03
1885---5.37	1901---2.95
1886---1.95	1902---6.41
1887---3.24	1903---2.94
1888---6.40	

Monthly mean humidity, 79 per cent. Monthly mean dew point, 47. Number of clear days, 14. Number of fair days, 7. Number of cloudy days, 10.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVII. NO. 11.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF NOVEMBER, 1903

Entered at the Post Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of November, 1903, and a Statement of the Births and Marriages for the Month of October, 1903.

Total estimated population of the State is 940,785.

TOWNS.	Estimated Population.	Living Births in October.	Still Births in Oct.	Marriages in Oct.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,148	33	4	13	7	6.3	3	----	42.8	----	----	----	----	----	----	----	----	1	----	----	----	----	----	2	----	----	----	1	3
Branford,	5,955	18	1	1	5	10.0	1	----	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	1	1	1
Bridgeport,	75,420	185	9	79	115	18.1	23	21	38.2	----	8	----	----	----	2	1	2	1	----	----	2	1	12	17	4	11	10	7	37
Bristol,	10,095	19	1	13	12	14.2	1	1	16.6	----	----	----	1	----	1	----	----	----	----	----	----	----	----	3	----	4	2	----	1
Danbury,	19,474	26	1	12	25	14.7	4	----	16.0	----	----	----	----	----	1	----	----	----	----	----	2	----	1	5	----	5	----	2	9
Derby,	8,320	19	----	18	7	10.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	2	1	----	2
East Hartford,	6,796	15	----	4	9	15.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	2	2	----	3
Enfield,	6,600	14	----	11	5	9.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	1	----	2
Greenwich,	12,580	28	1	16	13	12.4	----	----	----	----	----	----	2	----	----	----	----	1	----	----	----	----	2	1	----	2	2	----	3
Groton,	6,046	12	1	6	8	15.8	1	1	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	3	2	----	2
Hartford,	85,174	136	15	94	113	14.2	17	4	18.5	----	1	----	----	----	3	----	1	1	----	----	1	----	10	11	4	14	17	4	46
Huntington,	5,885	12	1	5	8	16.3	2	----	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	3	----	----	4
Killingly,	6,797	12	----	7	14	24.7	2	----	14.2	----	----	----	1	----	----	----	----	----	----	1	1	----	3	1	----	----	4	----	3
Manchester,	11,076	16	1	8	11	11.9	6	----	54.5	----	----	----	----	----	----	----	----	----	----	----	----	----	3	1	1	1	----	1	4
Meriden,	29,350	44	4	37	33	13.4	3	3	18.1	----	----	----	----	----	1	----	----	----	----	----	----	----	6	2	----	8	4	----	12
Middletown,	17,942	22	1	19	30	13.3	2	----	6.6	----	----	----	----	----	----	----	1	----	----	----	1	----	2	5	----	4	6	1	10
Naugatuck,	11,405	23	----	13	14	14.7	6	2	57.1	----	1	----	----	----	----	----	----	----	----	----	1	----	4	3	----	2	1	----	2
New Britain,	30,040	84	7	38	46	17.9	11	6	36.9	----	----	1	3	2	4	----	----	1	----	1	1	----	3	3	1	3	1	1	21
New Haven,	112,420	244	12	140	143	14.3	19	16	24.4	----	----	----	----	1	4	----	----	7	----	1	----	2	14	24	3	22	17	9	39
New London,	18,306	34	3	28	28	18.3	6	4	35.7	----	1	----	----	----	----	----	----	----	----	----	1	----	1	4	1	2	4	1	13
Norwalk,	20,370	36	----	15	27	15.9	4	2	18.5	----	----	----	1	----	1	----	----	1	----	----	----	----	2	3	2	4	5	3	5
Norwich,	24,954	44	----	28	37	16.3	2	----	5.4	----	----	----	----	----	1	----	----	----	----	1	1	----	6	2	----	6	7	3	10
Orange,	7,486	13	----	9	7	11.2	1	----	14.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	----	4
Putnam,	7,514	12	----	5	7	11.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	3	----	2	----	----	1
Southington,	5,967	9	1	8	7	14.0	----	----	----	----	----	----	1	----	----	----	----	1	----	----	----	----	1	1	----	----	----	----	3
Stamford,	19,465	31	3	8	26	16.0	3	----	11.5	----	----	1	----	----	----	----	----	1	----	----	----	----	1	3	----	7	----	2	11
Stonington,	8,810	12	2	9	10	13.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	----	2	----	5
Thompson,	6,614	15	----	5	4	7.2	----	1	25.0	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	1	----	----	1
Torrington,	13,733	35	2	15	14	12.2	3	1	28.5	----	----	----	----	1	1	----	----	----	----	----	1	----	2	----	----	3	2	1	3
Vernon,	8,420	17	----	9	8	11.4	1	----	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	1	----	----	4
Wallingford,	9,484	18	----	7	9	11.3	3	----	33.3	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	7
Waterbury,	54,726	147	6	43	58	12.7	12	5	29.3	----	----	1	----	----	2	1	1	1	----	1	2	----	8	5	3	6	4	7	16
Winchester,	8,079	20	----	14	4	5.9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	1	----	1
Windham,	10,157	21	2	10	16	18.9	4	----	25.0	----	----	----	1	----	----	----	----	----	----	----	1	----	5	----	----	3	1	1	4
Total of the 34 above towns,	698,608	1426	78	747	880	15.1	140	67	23.5	----	11	3	11	4	21	2	5	16	----	5	16	3	97	106	22	123	98	45	292
132 towns of less than 5,000 inhabitants,	241,000	390	17	208	287	14.2	32	19	17.7	----	2	1	2	1	4	1	1	1	----	----	5	4	20	33	9	40	46	13	104
Total reported from 166 towns,	939,608	1816	95	955	1167	14.9	172	86	22.1	----	13	4	13	5	25	3	6	17	----	5	21	7	117	139	31	163	144	58	396
Population of towns not reporting,	1,177																												

The Mortality in Public Institutions of the State was: in Bridgeport, 12; in Danbury, 2; in Hartford, 35; in Meriden, 1; in Middletown, 12; in New Britain, 10; in New Haven, 33; in New London, 5; in Norwalk, 3; in Norwich, 10; in Stamford, 3; and in Waterbury, 5. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in November: Andover, Beacon Falls, Bethany, Bloomfield, Bridgewater, Cheshire, Columbia, Cornwall, Franklin, Goshen, Hampton, Harwinton, Killingworth, Lebanon, Ledyard, Lyme, Marlborough, Monroe, North Branford, Old Lyme, Roxbury, Salem, Scotland, South Windsor, Union, Voluntown, Warren, Washington, Woodbridge—29.

The Registrars of the following towns have made no report for November: Hartland, Prospect.

REMARKS.

By Mortality Reports received there were 1,167 deaths during the month of November. This was 43 more than in October and 84 more than in November of last year, and 109 more than the average number of deaths in November for the five years preceding.

	1903	1902	1901	1900	1899	1898
January,	1420	1172	1439	1367	1565	1153
February,	1303	1124	1381	1261	1192	1026
March,	1421	1239	1441	1691	1221	1272
Total 1st quarter,	4144	3535	4261	4319	3978	3451
April,	1245	1191	1253	1678	1169	1197
May,	1265	1100	1056	1230	1025	1138
June,	1163	1061	1022	1121	1048	984
Total 2d quarter,	3673	3352	3331	4029	3242	3319
July,	1414	1394	1297	1583	1369	1225
August,	1404	1348	1310	1642	1382	1402
September,	1160	1166	1235	1270	1142	1351
Total 3d quarter,	3978	3908	3842	4495	3893	3978
October,	*1124	1133	1062	1208	1036	1109
November,	1167	1083	1104	1097	980	1024

The death-rate was 15.1 for the large towns, for the small towns 14.2, and for the whole State 14.9.

The deaths reported from infectious diseases, including diarrhœal, were 236, being 20.2 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Windsor Locks, 1.

Measles.—Ansonia, 69; Beacon Falls, 1; Bethany, 4; Bridgeport, 196; Brooklyn, 1; Cornwall, 24; Darien, 1; Derby 6; Easton, 1; Fairfield, 7; Goshen, 1; Greenwich, 7; Hamden, 1; Hartford, 31; Hartland, 1; Huntington, 11; Naugatuck, 53; New Canaan, 96; New Haven, 15; New London, 25; New Milford, 8; North Canaan, 6; Norwalk (city), 1; Norwalk (town), 1; Norwich, 1; Oxford, 2; Preston, 3; Prospect, 1; Putnam, 2; Seymour, 7; Sharon, 1; Shelton (borough), 31; Stamford (city), 8; Stamford (town), 1; Stonington, 2; Stratford, 4; Torrington (town and borough), 3; Trumbull, 2; Wallingford (epidemic); Waterbury, 4; Waterford, 2; Westport, 1; Winsted (borough), 1.—Total, 643+ in 41 towns.

Scarlet Fever.—Avon, 1; Berlin, 2; Branford, 6; Bridgeport, 7; Bristol, 3; Canterbury, 1; Danielson (borough), 1; Darien, 1; Derby, 3; East Hartford, 1; East Haven, 1; Enfield, 1; Guilford, 1; Hartford, 3; Huntington, 5; Kent, 5; Litchfield, 1; Manchester, 4; Meriden (city), 4; Middletown (city), 1; Naugatuck, 3; New Britain (city), 5; New Britain (town), 11; New Haven, 22; New London, 1; Norwich (city), 3; Norwich (town), 1; Oxford, 1; Plainfield, 1; Seymour, 1; Shelton (borough), 9; Somers, 2; Southington, 3; Stafford Springs (borough), 1; Stamford (city), 1; Stonington, 1; Stratford, 1; Suffield, 1; Waterbury, 8; Willimantic (city), 1; Windsor Locks, 1; Winsted (borough), 2.—Total, 132 in 40 towns.

Diphtheria and Croup.—Avon, 1; Berlin, 3; Bridgeport, 17; Bristol, 1; Canterbury, 2; Canton, 1; Colchester, 1; Danbury (city), 6; Danbury (town), 1; Derby, 3; East Hartford, 2; Farmington, 1; Glastonbury, 1; Greenwich, 2; Groton, 8; Guilford, 1; Hamden, 2; Hartford, 12; Harwinton, 1; Manchester, 1; Meriden (city), 2; Middletown (city), 1; Monroe, 2; Naugatuck, 12; New Britain (city), 9; New Britain (town), 1; New Haven, 19; New London, 1; North Haven, 1; Norwalk, 3; Norwich (city), 9; Rocky Hill, 3; Somers, 1; South Norwalk (city), 2; Stafford Springs (borough), 5; Stamford (city), 1; Stonington (town), 1; Stonington (borough), 1; Stratford, 2; Suffield, 1; Torrington (town and borough), 13; Union, 1; Vernon, 1; Wallingford, 1; Waterbury, 9; West Haven (borough), 1; Windsor Locks, 9; Winsted (borough), 2; Wolcott, 1.—Total, 182 in 45 towns.

Whooping Cough.—Andover, 3; Bridgeport, 7; Bristol, 10; Brooklyn, 3; Clinton, 1; Cromwell, 3; East Haddam (number of cases); Enfield, 6; Hampton, 13; Hartford, 1; Jewett City (borough), 7; Lebanon, 2; Rockville (city), 20+; Stamford (city), 5; Waterbury, 5.—Total 86+ in 15 towns.

Typhoid Fever.—Branford 1; Bridgeport, 4; Bristol, 1; Chatham, 3; Danbury (city), 3; Derby, 1; Enfield, 1; Fairfield, 1; Greenwich, 1; Groton, 1; Hartford, 5; Litchfield, 1; Milford, 2; Naugatuck, 1; New Britain (city), 1; New Canaan, 1; New Haven, 18; New London, 2; Norwalk (city), 4; Norwalk (town), 1; Putnam, 4; Ridgefield, 1; Rockville (city), 1; Southbury, 1; South Norwalk (city), 1; Stamford (city), 4; Sterling, 1; Suffield, 1; Trumbull, 1; Wallingford, 3; Waterbury, 3; Watertown, 2; West Haven (borough), 1; Windham, 1; Winsted (borough), 1.—Total, 79 in 33 towns.

* Forty-five delayed certificates of death have been returned after publication of the Bulletin during the first ten months of the year.

Consumption.—Bridgeport, 12; Derby, 1; Hartford, 3; Naugatuck, 1; Rocky Hill, 1; Southbury, 1; Southington, 1; South Norwalk (city), 1; Waterbury, 4; Watertown, 1; Wethersfield, 1; Windsor, 1; Woodstock, 1.—Total, 29 in 13 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Ashford, Barkhamsted, Bethel, Bethlehem, Bloomfield, Bolton, Bridgewater, Brookfield, Burlington, Canaan, Chaplin, Chester, Colebrook, Columbia, Coventry, Durham, Eastford, East Granby, East Lyme, East Windsor, Ellington, Essex, Franklin, Granby, Griswold, Hebron, Killingly, Killingworth, Ledyard, Lisbon, Lyme, Madison, Mansfield, Marlborough, Meriden, Middlebury, Middletown, Montville, Morris, New Fairfield, New Hartford, Newington, Newtown, Norfolk, North Branford, Old Lyme, Old Saybrook, Orange, Plainville, Plymouth, Pomfret, Portland, Redding, Ridgefield (borough), Roxbury, Salem, Salisbury, Saybrook, Scotland, Sherman, Simsbury, South Windsor, Stafford, Thomaston, Thompson, Tolland, Voluntown, Warren, Washington, Westbrook, West Hartford, Weston, Willington, Wilton, Winchester, Woodbridge, Woodbury.—Total, 77.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—New Canaan, 2.

Scarlet Fever.—Kent, 1.

La Grippe.—Glastonbury, 1; Southbury, 1.—Total, 2.

Cerebro Spinal Fever.—Westport, 1.

Diphtheria and Croup.—Canterbury, 1; Cromwell, 1; Farmington, 1; Windsor Locks, 1.—Total, 4.

Whooping Cough.—Hamden, 1.

Typhoid Fever.—Hebron, 1.

Consumption.—Berlin, 2; Bethel, 1; Brooklyn, 1; Colchester, 1; Darien, 1; Griswold, 1; New Hartford, 1; New Milford, 1; Oxford, 1; Ridgefield, 1; Rocky Hill, 1; Salisbury, 1; Seymour, 1; Southbury, 1; Stratford, 1; Watertown, 1. Windsor, 1; Windsor Locks, 1; Wolcott, 1.—Total, 20.

All the Health Officers of Hartford, Fairfield, Windham, Litchfield and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

New Haven Co.—Cheshire.

New London Co.—Bozrah, North Stonington, Sprague.

Middlesex Co.—Haddam, Middlefield.

On Wednesday, December 16th, and 17th, will be held in New Haven a Sanitary Conference, including all the health officials in the State of Connecticut.

This is in no true sense an experiment. The experience of several other states in which similar assemblings of the health authorities under various names have been practiced, and the mutual instruction which is given and acquired by the interchange of personal opinions on the practice of sanitary administration fully justify the undertaking. It is the direct contact of mind with mind and the resultant determination of doubtful questions, which often impress the parties engaged in the discussion and the listeners far more than the printed page.

The subjects for consideration at this Conference are of an eminently practical character. They are such as every local health officer has a personal interest in, because they relate to his daily official functions.

The relation of the schools to the public health; the management of contagious diseases so as to best protect the public; and the improvement of our water supplies, are subjects on which he needs the best information. The Conference is not limited to the topics announced in the "Program." The prominent object of the Conference is mutual instruction, the discussion of doubtful questions of practice.

Meetings of the Health Officers of the several counties in Connecticut have been held with more or less regularity for several years, and have contributed largely to a better understanding of their duties and responsibilities, their powers and their limitations.

The State Board expects that this larger gathering will be attended with correspondingly greater profit and interest.

It is gratifying to announce that Ernst J. Lederle, Ph.D., Health Commissioner of New York City, will be heard on New York Health Administration, and Mr. Allen Hazen, C.E., the eminent sanitary engineer, will speak on "Filtration of Water Supplies."

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and Superintendent of Vital Statistics.

New Haven, December 15, 1903.

METEOROLOGICAL REPORT FOR THE MONTH OF NOVEMBER, 1903.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.16	30.14	52	56	57	67	47	20	48	36	S W	4	N W	6	157	17	.0	Clear	Clear	Clear
2	30.15	30.14	47	57	56	67	44	23	79	49	S E	4	N W	3	125	15	.0	Clear	Cloudy	Clear
3	30.12	30.04	51	58	58	69	47	22	67	54	W	2	W	2	133	11	.0	Clear	Clear	Clear
4	30.00	29.84	53	61	60	72	49	23	69	65	N W	4	S W	6	161	15	.0	Clear	Clear	Clear
5	29.58	29.62	57	48	52	66	39	27	97	69	S	8	N	12	267	27	.36	Light Rain	Cloudy	Cloudy
6	29.86	30.02	37	32	34	39	29	10	69	57	N	12	N	12	307	22	T	Cloudy	Clear	Cloudy
7	30.09	30.14	32	34	34	40	29	11	69	66	N W	14	W	5	328	30	.0	Clear	Clear	Clear
8	30.28	30.24	34	46	41	52	30	22	66	61	W	5	W	3	145	15	.0	Partly Cl'dy	Clear	Clear
9	30.30	30.14	38	49	48	61	34	27	62	80	W	5	S W	10	154	15	.0	Clear	Clear	Clear
10	30.04	29.92	46	51	50	58	41	17	79	84	S W	6	S W	3	159	14	.0	Cloudy	Clear	Partly Cl'dy
11	29.99	29.89	41	48	48	58	39	19	72	72	N	12	N E	8	224	23	.0	Clear	Clear	Clear
12	29.87	29.99	42	46	48	56	39	17	88	52	N	5	N W	3	135	17	T	Cloudy	Clear	Clear
13	29.99	30.07	45	49	48	59	36	23	67	61	W	5	N	8	165	19	.0	Clear	Clear	Clear
14	30.12	30.06	43	41	42	47	36	11	70	76	W	7	N W	9	165	17	.02	Cloudy	Clear	Partly Cl'dy
15	30.20	30.22	35	40	39	46	32	14	56	56	W	5	N W	4	146	17	.0	Clear	Clear	Clear
16	30.12	29.89	38	37	36	39	32	7	79	95	N	6	N	18	228	25	1.05	Cloudy	Misting	Cloudy
17	29.83	29.80	40	43	47	57	37	20	100	92	N	6	N	24	291	26	.34	Light Rain	Sprinkling	Cloudy
18	30.00	30.12	40	32	34	43	26	17	75	58	N	10	N	12	233	22	.01	Cloudy	Partly Cl'dy	Clear
19	30.35	30.46	28	31	32	39	25	14	65	51	W	3	N W	5	140	14	.0	Clear	Clear	Clear
20	30.63	30.70	25	29	29	36	22	14	62	50	N	6	N	8	182	15	.0	Clear	Clear	Clear
21	30.75	30.56	20	29	28	36	19	17	70	60	N	8	N	3	145	16	.0	Clear	Clear	Clear
22	30.37	30.18	26	34	30	36	23	13	75	90	N	9	N	7	216	16	T	Light Snow	Cloudy	Cloudy
23	30.03	29.68	27	46	36	46	27	19	76	79	N	4	S W	12	168	24	.07	Cloudy	Cloudy	Cloudy
24	29.66	29.88	39	32	35	43	27	16	79	46	W	9	W	20	399	46	.0	Clear	Clear	Clear
25	30.01	30.08	25	22	26	33	18	15	62	58	N W	6	N	12	244	20	.0	Clear	Clear	Clear
26	30.09	30.09	17	23	22	30	14	16	68	59	N	5	N	6	155	15	.0	Clear	Clear	Clear
27	30.09	29.95	16	24	20	27	13	14	65	67	N	10	N	14	302	27	.0	Clear	Cloudy	Partly Cl'dy
28	29.84	29.76	18	24	25	32	18	14	65	60	N	7	N	5	211	19	.0	Clear	Clear	Clear
29	29.74	29.70	18	25	20	25	16	9	77	68	N E	7	N	4	223	20	T	Cloudy	Cloudy	Cloudy
30	29.87	30.06	18	29	26	34	18	16	77	66	N W	7	N W	3	141	12	.0	Clear	Clear	Clear
Month Ave's.	30.07	30.05	35	39	39	47	30	17	72	65	N	7	N	8	202	46	1.85			

SUMMARY.

BAROMETER.

Monthly Mean, 30.06 inches.

Highest, 30.75 in.; Date, 21.

Lowest, 29.58 in.; Date, 5.

Monthly range, 1.17 inches.

TEMPERATURE.

Monthly Mean, 39 degrees.
Highest, 72 degrees; Date, 14.
Lowest, 13 degrees; Date, 27.
Absolute range, 59 degrees.
Greatest daily range, 27 degrees; Date, 5.
Least daily range, 7 deg.; Date, 16.
Mean daily range, 17 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 246 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 8 miles.
Max. velocity and direction, 36 W; Date, 24.
Total monthly movement, 6,049 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 10.
*Greatest 24 hour precipitation, (in. and 100ths), 1.19; Date, 16,17.
Total monthly precipitation, (in. and 100ths), 1.85 in.
Total depth of snowfall (in.), T.
Dates of thunder storms, none.
Accumulated deficiency of precipitation since Jan. 1st, 5.81 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---34 deg.		1889---44 deg.	
1874---42 "		1890---42 "	
1875---38 "		1891---41 "	
1876---44 "		1892---40 "	
1877---46 "		1893---41 "	
1878---42 "		1894---44 "	
1879---41 "		1895---44 "	
1880---40 "		1896---46 "	
1881---43 "		1897---42 "	
1882 ---39 "		1898---41 "	
1883---42 "		1899---42 "	
1884---41 "		1900---44 "	
1885---42 "		1901---57 "	
1886---43 "		1902---47 "	
1887---40 "		1903---39 "	
1888---43 "			

COM. RAINFALL. (Inches and 100ths.)

1873---4.74	1889---7.78
1874---3.44	1890--- .67
1875---7.14	1891---2.22
1876---4.43	1892---5.46
1877---7.11	1893---3.56
1878---6.33	1894---4.23
1879---2.33	1895---4 84
1880---2.82	1896---2.33
1881---4.18	1897---5.72
1882---1.31	1898---5.69
1883---1.56	1899---1.89
1884---2.24	1900---4.14
1885---3.49	1901---1.61
1886---3.83	1902--- .79
1887-- 2.85	1903---1.85
1888---4.73	

Monthly mean humidity, 68 per cent. Monthly mean dew point, 28. Number of clear days, 20. Number of fair days, 3. Number of cloudy days, 7.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVII. No. 12.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF DECEMBER, 1903

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of December, 1903, and a Statement of the Births and Marriages for the Month of November, 1903.

Total estimated population of the State is 940,785.

TOWNS.	Estimated Population.	Living Births in Nov.	Still Births in Nov.	Marriages in Nov.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,148	31	1	13	17	15.5	6		35.2		1												4			1	1		10
Branford,	5,955	14	1	5	6	12.0	1		16.6														3	1			1		1
Bridgeport,	75,420	178	14	81	126	19.7	30	21	40.4		6	1			5								11	26	6	8	4	9	49
Bristol,	10,095	17	1	8	16	19.0	4	1	31.2				1											6	1	4			4
Danbury,	19,474	30	5	16	37	22.7	6	1	18.9									2				2	4	2	6	3	8		10
Derby,	8,320	14		12	16	23.0	2	1	18.7														2	4		2	2	3	4
East Hartford,	6,796	15		7	11	17.9	2		18.1						2									2			2	3	2
Enfield,	6,600	16	1	12	23	41.8	4	1	21.7					1		2							3		2	4	4		8
Greenwich,	12,580	14	2	2	21	20.0	6	2	38.0															3	1	3	1	2	11
Groton,	6,046	11		4	9	17.6	1		11.1															2			3	1	3
Hartford,	85,174	149	4	82	123	16.0	13	7	16.2				2		1			3	1		1	1	13	18	2	13	12	13	43
Huntington,	5,885	20		6	10	20.3	1		10.0		1	2						1					1			1	1		3
Killingly,	6,797	13	1	3	9	15.8	3		33.3								1								2		1	1	4
Manchester,	11,076	26	1	18	11	11.0	1	2	27.2			1	1										1	2	2		1		3
Meriden,	29,350	67	1	26	42	17.1	5	2	16.6				4					1	1				2	9	2	6	7		10
Middletown,	17,942	23	1	25	31	13.3		1	3.2				1										4	3		7	6	1	9
Naugatuck,	11,405	27		11	9	9.4	1	1	22.2				1			1							3						4
New Britain,	30,040	72	6	34	40	15.9	5	4	22.5			2	2		1							1		3	2	6	1	2	20
New Haven,	112,420	252	14	124	175	18.2	20	14	19.4		1		4		6	1		6				2	12	27	6	25	10	19	56
New London,	18,306	32	2	22	31	19.6	4	1	16.1		2				2								4	2	1	3	4	4	9
Norwalk,	20,370	29	3	12	31	18.2	2		6.4				2					1					6	2		5	6		9
Norwich,	24,954	32	2	29	38	16.8	3	6	26.6				2		2								8	4	2	3	4		11
Orange,	7,486	5		4	6	9.6	1		16.6															1			2	1	2
Putnam,	7,514	16		10	7	11.1	2		28.5														2			2		1	2
Southington,	5,967	9	1	4	3	6.0																			2	1			
Stamford,	19,465	45	2	19	31	18.4	2	4	19.3				1		2			2				1	3	5		5	2	2	8
Stonington,	8,810	21		7	9	12.2	1		11.1			1												3		4			1
Thompson,	6,614	21	1	4	6	10.8	4		66.6														1			1			4
Torrington,	13,733	31	4	9	18	15.7	7		38.8									1					1	3		2		1	10
Vernon,	8,420	11	1	6	13	18.5	2	1	23.0							2								2		2	2		5
Wallingford,	9,484	19		2	13	16.4	5	1	46.1			1				1							1	1		2	3		4
Waterbury,	54,726	134	7	47	83	17.5	17	12	34.9			1			1	2							7	14	3	12	7	3	33
Winchester,	8,079	14	2	7	13	19.3	1		7.6														3	1		1	2		6
Windham,	10,157	22	1	9	15	17.7	5	2	46.6									2						2	2	4	1		4
Total of the 34 above towns,	698,608	1430	79	630	1049	18.0	167	85	24.0		11	9	21	1	22	9	1	20	2		4	4	99	148	42	130	98	66	362
129 towns of less than 5,000 inhabitants,	233,807	352	16	151	273	14.0	26	14	14.5		3	2	7		2		1	1				3	20	34	12	39	36	18	95
Total reported from 163 towns,	932,415	1782	95	831	1322	17.0	193	99	22.0		14	11	28	1	24	9	2	21	2		4	7	119	182	54	169	134	84	457
Population of towns not reporting,	8,370																												

The Mortality in Public Institutions of the State was: in Bridgeport, 12; in Danbury, 1; in Hartford, 34; in Meriden, 1; in Middletown, 12; in New Britain, 3; in New Haven, 41; in New London, 5; in Norwich, 6; in Stamford, 5; and in Waterbury, 5. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in December: Ashford, Barkhamsted, Bethany, Bozrah, Colebrook, Eastford, East Granby, Franklin, Goshen, Lyme, Madison, Marlborough, Middlebury, Morris, New Fairfield, Ridgefield, Roxbury, Salem, Sherman, Union, Voluntown, Washington, Westbrook, Willington, Wolcott—25.

The Registrars of the following towns have made no report for December: Durham, Lisbon, Norfolk, Sprague, Windsor—5.

REMARKS.

By Mortality Reports received there were 1,322 deaths during the month of December. This was 151 more than in November and 24 more than in December of last year, and 128 more than the average number of deaths in December for the five years preceding.

	1903	1902	1901	1900	1899	1898
January,	1420	1172	1439	1367	1565	1153
February,	1303	1124	1381	1261	1192	1026
March,	1421	1239	1441	1691	1221	1272
Total 1st quarter,	4144	3535	4261	4319	3978	3451
April,	1245	1191	1253	1678	1169	1197
May,	1265	1100	1056	1230	1025	1138
June,	1163	1061	1022	1121	1048	984
Total 2d quarter,	3673	3352	3331	4029	3242	3319
July,	1414	1394	1297	1583	1369	1225
August,	1404	1348	1310	1642	1382	1402
September,	1160	1166	1235	1270	1142	1351
Total 3d quarter,	3978	3908	3842	4495	3893	3978
October,	1124	1133	1062	1208	1036	1109
November.	*1171	1083	1104	1097	980	1024
December,	1322	1298	1145	1129	1172	1227
Total 4th quarter,	3617	3514	3311	3434	3188	3360

The death-rate was 18.0 for the large towns, for the small towns 14.0, and for the whole State 17.0.

The deaths reported from infectious diseases, including diarrhœal, were 243, being 18.3 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Newington, 2.

Measles.—Ansonia, 72; Barkhamsted, 13; Beacon Falls, 1; Bethany, 9; Bethel, 1; Bridgeport, 238; Brookfield, 1; Cheshire, 3; Clinton, 1; Colebrook, 2; Danbury (city), 1; Darien, 2; Derby, 22; East Haven, 1; Easton, 2; Fairfield, 100+; Franklin, 1; Goshen, 1; Greenwich (town and borough), 50; Hamden, 20; Hartford, 19; Hartland, 25; Harwinton, 1; Huntington, 106; Kent, 3; Lyme, 15; Milford, 1; Monroe, 2; Naugatuck, 12; New Canaan (town and borough), 14; New Hartford, 2; New Haven, 82; New London, 151; New Milford, 100; Newtown, 7; Norfolk, 3; North Canaan, 46; North Haven, 3; North Stonington, 2; Norwalk (city), 2; Norwich, 24; Old Lyme, 2; Ridgefield, 3; Salisbury (epidemic); Seymour, 99; Sharon, 4; Shelton (borough), 170; South Norwalk (city) 5 (epidemic); Stafford Springs (borough), 2; Stamford (city), 1; Stamford (town), 5+; Stonington, 5; Stratford, 103+; Suffield, 1; Trumbull, 22; Wallingford (epidemic); Warren, 20; Waterbury, 14; Waterford, 4; West Hartford, 1; West Haven (borough), 32; Westport, 7; Willimantic (city), 1; Winsted (borough), 61; Woodbridge, 9.—Total, 1722+ in 63 towns.

Scarlet Fever.—Branford, 1; Bridgeport, 7; Bristol, 2; Cheshire, 2; Chester, 4; Darien, 2; Derby, 1; East Haddam, 1; East Hartford, 12; Glastonbury, 1; Greenwich, 1; Hartford, 10; Huntington, 2; Manchester, 4; Meriden (city), 5; Meriden (town), 1; Middletown (city), 1; Monroe, 1; Naugatuck, 3; New Britain (city), 9; New Haven, 32; New London, 1; North Haven, 1; Norwalk (city), 1; Norwalk (town), 3; Norwich (city), 2; Norwich (town), 1; Saybrook, 1; Seymour, 4; Shelton (borough), 1; Simsbury, 8; Southington, 2; South Norwalk (city), 4; Stafford Springs (borough), 1; Stamford (city), 3; Stonington, 6; Stratford, 1; Suffield, 6; Torrington, 1; Wallingford, 3; Waterbury, 26; Willimantic (city), 3; Windsor, 2; Windsor Locks, 1.—Total, 184 in 39 towns.

Diphtheria and Croup.—Berlin, 1; Bridgeport, 21; Bristol, 1; Cromwell, 1; Danbury (city), 2; Derby, 2; East Hartford, 2; Essex, 6; Greenwich (town and borough), 7; Groton, 2; Hartford, 20; Harwinton, 1; Meriden (city), 2; Middletown (city), 1; Naugatuck, 4; New Britain (city), 3; New Haven, 30; New London, 6; New Milford, 1; North Haven, 3; Norwalk (city), 6; Norwalk (town), 2; Norwich, 1; Southington, 1; South Norwalk (city), 2; Stamford (city), 5; Stamford (town), 1; Stonington, 2; Torrington, 2; Waterbury, 8; West Haven (borough), 1; Willimantic (city), 1; Windsor Locks, 4.—Total, 152 in 30 towns.

Whooping Cough.—Bridgeport, 2; Darien, 6; Ellington, 6; Essex, 7; Hampton, 9; New Britain (city), 3; Rockville (city), 20+; Scotland, 2.—Total, 55+ in 8 towns.

Typhoid Fever.—Bethel, 1; Bridgeport, 1; Bridgewater, 1; Chaplin, 1; Chatham, 4; Danbury (city), 2; Hamden, 2; Hartford, 4; Killingly, 1; Lebanon, 1; Ledyard, 1; Middlebury, 2; New Canaan, 1; New Haven, 12; Norwalk (city), 3; Norwalk (town), 2; Norwich (city), 1; Oxford, 1; Seymour, 1; Shelton (borough), 2; Simsbury, 1; South Norwalk (city), 3; Stafford, 1; Stafford Springs (borough), 1; Stamford (city), 5; Wallingford, 1; Waterbury, 3; Westbrook, 2; West Hartford, 2; West Haven (borough), 1; Windham, 1; Winsted (borough), 1.—Total, 65 in 29 towns.

Consumption.—Bridgeport, 11; Chaplin, 1; Hartford, 6; New Canaan, 1; Oxford, 1; South Norwalk (city), 2.—Total 22 in 6 towns.

* Four delayed certificates of death have been returned for November since the publication of the last Bulletin.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Bethlehem, Bloomfield, Bolton, Bozrah, Brooklyn, Burlington, Canaan, Canterbury, Canton, Colchester (town and borough), Columbia, Cornwall, Coventry, Danbury, Danielson (borough), Durham, Eastford, East Granby, East Lyme, East Windsor, Enfield, Farmington, Granby, Griswold, Guilford, Haddam, Hebron, Jewett City (borough), Killingworth, Lisbon, Litchfield (town and borough), Madison, Mansfield, Marlborough, Montville, Morris, New Britain, New Fairfield, North Branford, Old Saybrook, Orange, Plainfield, Plainville, Plymouth, Pomfret, Portland, Preston, Prospect, Putnam, Redding, Ridgefield (borough), Rocky Hill, Roxbury, Salem, Sherman, Somers, Southbury, South Windsor, Sprague, Stafford, Sterling, Stonington (borough), Thomaston, Thompson, Tolland, Union, Vernon, Voluntown, Washington, Watertown, Weston, Wethersfield, Willington, Wilton, Winchester, Wolcott, Woodbury, Woodstock.—Total, 81 towns.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Fairfield, 2; Newtown, 1.—Total, 3.

Scarlet Fever.—Berlin, 2.

La Grippe.—Chester, 1; Griswold, 1; Litchfield, 1; North Branford, 1; Plymouth, 1; Tolland, 1; Wilton, 1.—Total, 7.

Diphtheria and Croup.—Seymour, 1; Windsor Locks, 1.—Total, 2.

Typhoid Fever.—Bridgewater, 1.

Consumption.—Chaplin, 1; Darien, 1; East Windsor, 1; Essex, 1; Fairfield, 1; Griswold, 2; Hamden, 1; Harwinton, 1; Killingworth, 1; Middlefield, 1; Milford, 1; New Canaan, 1; Old Saybrook, 1; Oxford, 1; Prospect, 1; Saybrook, 1; Westport, 2; Woodstock, 1.—Total, 20.

All the Health Officers of Hartford, New Haven, New London, Fairfield, Windham, Litchfield and Tolland Counties have reported, but the Health Officer of the following town has not reported:

MIDDLESEX CO.—Middlefield.

The conference of state health officials December 16 and 17 was a success. A good attendance, many towns represented. Programme fully carried out. Abstracts of the papers will be published in Annual Report of the Board.

The address of Dr. Lederle on health work in New York was highly appreciated. He demonstrated with striking effect the importance of medical inspection of schools. He gave the following incident as the origin of the practice in New York:

A child in a public school was found picking pieces of skin from hands and arm and passing small fragments around to classmates. Some time later all of these children took scarlet fever, and on investigation it was found that the child had that disease and had been permitted to return to school in the peeling stage, the most dangerous time for the playmates. The incident resulted in the employment of 150 physicians, to visit each public school daily and examine the children. The importance of this step was at once demonstrated. The first year's work showed 108,628 inspections, and 6,839 children excluded for all diseases of an infectious or contagious nature.

Later, in 35 schools containing 55,470 pupils, there were found 6,670 cases of contagious diseases of the eyes. During the school year ending June 26, 1903, 71,229 cases of contagious diseases were temporarily suspended from school attendance.

Of course such radical proceedings developed the "Kickers." He was told that he had done more to interfere with education than could be undone in ten years. He did not believe it and persisted. Now the practice is conceded to be a necessity for public protection.

The method of stamping out small pox is worthy of imitation in Connecticut. This is what he said:

"A year ago last January, when we came into office, we were on the verge of an epidemic. Very little vaccination had been done. We employed 130 vaccinators, wrote personal letters to all large employers of help, asking their coöperation, offering free vaccinations at their convenience, and also appealed to the public through the press. So generously were we supported and aided that we were able to show a record of 810,000 vaccinations for 1902, and have *not a single case of small pox in our city to-day.*"

The paper of Dr. P. W. Street, on "The Management of Infectious Diseases in the Home," elicted much interesting discussion and was referred to a committee.

Judge Pearne's paper on "Quarantine" was replete with valuable information to health officers. "Filtration of Water" was treated very scientifically and exhaustively by the eminent Engineer, Allen Hazen, Prof. H. E. Smith, and Dr. W. S. Randall.

The Conference was attended with so much pleasure and profit that there were many expressions of the hope that it will be the annual practice in future.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, January 15, 1904.

METEOROLOGICAL REPORT FOR THE MONTH OF DECEMBER, 1903.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.26	30.31	18	28	26	34	18	16	68	69	N	7	N E	12	154	12	.0	Clear	Clear	Clear
2	30.22	30.11	26	33	30	34	25	9	81	85	N E	12	E	18	403	31	T	Light Snow	Cloudy	Cloudy
3	30.01	30.01	27	34	30	34	26	8	88	71	N	24	N E	18	530	34	.18	Light Snow	Cloudy	Partly Cl'dy
4	30.05	30.08	29	32	34	40	29	11	61	59	N	5	N W	13	200	25	.0	Clear	Clear	Clear
5	30.10	30.08	35	35	34	40	28	12	81	53	S W	4	W	7	134	13	T	Cloudy	Clear	Cloudy
6	30.09	30.05	23	32	30	38	22	16	68	68	N	6	N W	4	128	12	.0	Cloudy	Clear	Clear
7	30.04	29.94	28	35	30	38	23	15	74	63	W	6	S W	5	193	27	.0	Cloudy	Clear	Partly Cl'dy
8	30.04	30.06	27	35	34	44	25	19	70	63	N W	1	N W	3	84	12	.0	Clear	Clear	Clear
9	29.93	29.95	32	38	34	38	30	8	79	100	N E	13	N E	24	355	38	.52	Cloudy	Light Rain	Cloudy
10	29.39	29.68	36	33	34	39	29	10	55	66	W	17	S W	10	392	26	.04	Clear	Clear	Clear
11	29.93	30.14	25	30	30	36	25	11	57	67	N W	6	S W	12	184	15	.0	Clear	Clear	Clear
12	30.40	30.25	21	41	33	45	21	24	64	84	W	7	S	11	197	22	.0	Clear	Clear	Partly Cl'dy
13	29.81	30.15	50	31	38	51	25	26	98	68	S W	25	N W	15	424	34	.47	Light Rain	Clear	Clear
14	30.34	30.36	20	20	21	25	17	8	70	64	W	20	N W	5	332	28	.0	Partly Cl'dy	Clear	Clear
15	30.26	30.17	17	20	20	25	16	9	70	55	N W	7	W	9	204	19	.0	Clear	Clear	Clear
16	30.01	29.91	14	23	20	26	14	12	52	52	W	6	S W	10	264	30	.0	Clear	Clear	Clear
17	30.06	30.03	14	30	22	32	12	20	59	67	N W	12	W	6	239	23	T	Clear	Clear	Clear
18	30.25	30.53	16	12	18	26	10	16	62	59	N	11	N	18	297	22	T	Clear	Clear	Clear
19	30.60	30.39	9	27	20	31	9	22	64	82	N	4	S W	2	97	10	.0	Clear	Clear	Clear
20	29.94	29.31	43	46	39	49	29	20	100	96	S	16	S W	22	468	40	.88	Light Rain	Cloudy	Cloudy
21	29.66	29.78	40	36	37	41	33	8	75	68	W	15	S W	11	363	34	.0	Clear	Cloudy	Partly Cl'dy
22	29.68	30.08	36	27	30	40	20	20	73	48	S W	10	N W	12	395	40	.03	Cloudy	Clear	Clear
23	30.25	30.17	22	35	28	38	19	19	51	63	S W	10	W	13	271	20	.0	Clear	Clear	Clear
24	30.18	29.84	35	40	39	44	34	10	72	72	S W	5	S W	16	285	43	T	Clear	Cloudy	Cloudy
25	29.67	29.53	39	35	38	42	33	9	75	91	S W	6	N W	6	201	17	.03	Cloudy	Cloudy	Cloudy
26	29.42	29.89	29	8	18	33	4	29	72	53	N E	8	N W	12	299	34	.09	Cloudy	Clear	Cloudy
27	29.93	29.69	6	26	15	28	2	26	64	81	W	9	S W	18	265	27	.12	Clear	Cloudy	Cloudy
28	30.01	30.29	16	13	16	26	6	20	48	65	N W	6	N W	4	267	27	.0	Clear	Clear	Clear
29	30.31	30.07	6	16	10	18	3	15	59	90	N E	5	N	10	236	28	.17	Cloudy	Cloudy	Cloudy
30	30.00	30.04	13	23	19	28	10	18	69	66	N W	5	N W	5	137	12	.0	Partly Cl'dy	Clear	Clear
31	30.02	29.99	14	21	20	28	13	15	63	57	W	6	W	8	221	20	T	Clear	Clear	Partly Cl'dy
Month Ave's.	30.03	30.01	25	29	27	35	20	15	69	69	W	10	N W	11	262	43	2.53			

SUMMARY.

BAROMETER.

Monthly Mean, 30.02 inches.

Highest, 30.60 in.; Date, 19.

Lowest, 29.25 in.; Date, 9.

Monthly range, 1.35 inches.

TEMPERATURE.

Monthly Mean, 27 degrees.
Highest, 51 degrees; Date, 13.
Lowest, 2 degrees; Date, 27.
Absolute range, 49 degrees.
Greatest daily range, 29 degrees; Date, 26.
Least daily range, 8 deg.; Date, 9.
Mean daily range, 16 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 95 degrees.

WIND.

Prevailing direction, W.
Mean hourly velocity, 11 miles.
Max. velocity and direction, 38 S W; Date, 24.
Total monthly movement, 8,119 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 16.
*Greatest 24 hour precipitation, (in. and 100ths), .88; Date, 20.
Total monthly precipitation, (in. and 100ths), 2.53 in.
Total depth of snowfall (in.), 10.4
Dates of thunder storms, none.
Accumulated deficiency of precipitation since Jan. 1st, 6.69 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---33 deg.	1889---39 deg.	1873---4.41	1889---2.62
1874---33 "	1890---29 "	1874---2.85	1890---2.90
1875---33 "	1891---39 "	1875---1.39	1891---3.74
1876---26 "	1892---28 "	1876---2.38	1892---1.72
1877---38 "	1893---31 "	1877---1.40	1893---3.22
1878---34 "	1894---32 "	1878---5.50	1894---3.33
1879---35 "	1895---35 "	1879---4.41	1895---1.91
1880---28 "	1896---29 "	1880---3.49	1896---9.40
1881---38 "	1897---34 "	1881---4.75	1897---5.61
1882---30 "	1898---31 "	1882---2.90	1898---2.11
1883---30 "	1899---24 "	1883---3.85	1899---1.56
1884---32 "	1900---33 "	1884---6.41	1900---2.14
1885---33 "	1901---31 "	1885---3.31	1901---7.65
1886---28 "	1902---29 "	1886---3.47	1902---6.49
1887---32 "	1903---27 "	1887---3.09	1903---2.53
1888---33 "		1888---5.68	

Monthly mean humidity, 69 per cent. Monthly mean dew point, 19. Number of clear days, 17. Number of fair days, 5. Number of cloudy days, 9.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVIII. No. 1.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JANUARY, 1904

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of January, 1904, and a Statement of the Births and Marriages for the Month of December, 1903.

Total estimated population of the State is 940,785.

TOWNS.	Estimated Population.	Living Births in Dec.	Still Births in Dec.	Marriages in Dec.	Total Deaths.	Representing Annual Death Rate per 1,000	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 Years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,148	38	----	4	11	10.0	1	1	18.1	----	----	----	1	----	----	----	----	----	----	1	----	----	1	2	----	2	----	1	3
Branford,	5,955	15	----	----	5	10.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	1	----	2
Bridgeport,	75,420	167	7	57	110	17.0	22	10	29.0	----	4	----	----	1	2	1	----	1	1	----	1	----	11	31	6	8	5	3	35
Bristol,	10,095	12	----	7	15	17.8	4	----	26.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	----	1	1	1	8
Danbury,	19,474	36	1	9	20	12.3	----	----	----	----	----	1	----	1	----	----	----	----	----	----	----	----	3	3	1	1	3	1	6
Derby,	8,320	21	2	1	17	24.5	6	2	47.0	----	4	----	----	----	----	----	----	----	----	----	1	----	----	2	1	4	1	1	3
East Hartford,	6,796	15	----	6	9	15.8	2	1	33.3	----	----	1	----	----	----	----	----	----	----	1	----	----	----	3	1	----	1	----	2
Enfield,	6,600	16	1	11	16	29.0	2	----	12.5	----	----	----	2	----	----	----	----	----	----	----	----	----	2	2	1	----	2	----	7
Greenwich,	12,580	19	----	2	29	27.6	8	1	31.0	----	1	----	2	----	1	----	----	----	----	----	----	----	1	3	1	2	1	1	16
Groton,	6,046	12	1	1	13	25.8	4	1	38.4	----	----	----	2	----	----	1	----	----	----	----	----	----	1	1	----	1	3	1	3
Hartford,	85,174	143	7	53	116	15.2	18	3	18.1	----	----	1	5	----	1	1	1	----	----	----	1	----	14	10	2	11	11	8	49
Huntington,	5,885	8	1	1	8	16.3	1	1	25.0	----	----	----	----	----	1	----	----	1	----	----	----	1	----	1	----	1	1	1	1
Killingly,	6,797	15	1	3	7	12.3	2	1	42.8	----	----	----	1	----	----	----	----	----	----	----	----	----	1	1	1	1	1	----	1
Manchester,	11,076	15	1	10	9	9.7	1	2	33.3	----	----	----	----	----	3	----	----	----	----	----	----	----	4	----	1	----	----	----	1
Meriden,	29,350	48	2	21	41	17.5	7	2	20.4	----	----	----	6	----	----	----	----	----	----	----	----	----	7	13	1	3	2	2	10
Middletown,	17,942	23	1	10	32	18.0	4	2	18.7	----	----	----	----	----	1	----	----	----	----	----	----	----	3	4	----	6	3	----	15
Naugatuck,	11,405	21	----	1	14	14.7	3	1	28.5	----	----	----	----	----	1	----	----	----	----	----	----	----	3	3	1	----	1	1	4
New Britain,	30,040	72	3	7	36	13.9	7	4	30.5	----	----	----	1	----	1	1	----	----	----	----	----	----	3	7	1	3	2	1	16
New Haven,	112,420	243	16	90	193	20.2	24	17	21.2	----	2	----	4	1	4	----	----	3	2	----	----	3	23	32	8	18	15	13	65
New London,	18,306	33	----	11	38	24.2	7	5	31.5	----	----	----	2	1	2	1	----	----	----	----	----	----	3	7	1	5	1	2	13
Norwalk,	20,370	38	2	9	30	17.6	2	4	20.0	----	2	2	3	----	----	----	----	----	----	----	----	----	4	----	1	4	3	2	9
Norwich,	24,954	54	----	9	36	16.8	5	4	25.0	----	----	----	3	----	----	----	1	----	----	----	----	----	2	9	1	8	4	1	7
Orange,	7,486	6	----	4	10	16.0	3	----	30.0	----	1	----	----	----	----	----	----	----	----	----	----	----	1	4	----	----	2	----	2
Putnam,	7,514	13	4	3	9	12.7	1	----	11.1	----	----	----	1	----	----	----	----	----	----	----	----	----	1	----	----	1	3	----	3
Southington,	5,967	10	----	4	7	14.0	2	----	28.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	1	1	----	2
Stamford,	19,465	30	1	6	36	20.9	6	----	16.6	----	----	----	1	----	----	----	----	----	----	----	----	----	3	4	----	5	6	----	17
Stonington,	8,810	17	----	7	18	24.5	2	----	11.1	----	----	----	----	----	2	----	----	----	----	----	----	----	2	1	----	2	----	----	11
Thompson,	6,614	17	----	5	4	7.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	1	----	----	1
Torrington,	13,733	34	----	4	11	9.6	5	----	45.4	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	2	1	----	6
Vernon,	8,420	11	----	2	12	17.1	1	3	33.3	----	----	----	2	----	----	1	----	----	----	----	1	----	1	----	----	3	1	----	3
Wallingford,	9,484	22	1	6	11	13.9	2	1	27.2	----	----	1	2	----	----	----	----	----	----	----	----	----	1	1	----	2	1	----	3
Waterbury,	54,726	127	5	35	88	19.0	14	10	27.1	----	----	1	----	----	2	1	----	1	----	----	2	1	15	16	6	10	7	2	24
Winchester,	8,079	7	----	4	15	22.2	2	2	26.6	----	4	----	3	----	----	----	----	1	----	----	----	----	1	1	----	1	1	----	3
Windham,	10,157	20	3	3	12	14.1	3	----	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	2	2	2	3
Total of the 34 above towns,	698,608	1378	60	406	1041	17.8	171	78	23.9	----	18	6	42	3	22	7	2	8	3	2	7	5	116	170	36	109	87	44	354
132 towns of less than 5,000 inhabitants,	235,803	332	17	89	387	19.6	42	17	15.2	----	10	1	22	1	7	1	1	2	----	----	1	1	21	43	18	50	53	12	143
Total reported from 166 towns,	934,411	1710	77	495	1428	18.3	213	95	21.5	----	28	7	64	4	29	8	3	10	3	2	8	6	137	213	54	159	140	56	497
Population of towns not reporting,	6,374																												

The Mortality in Public Institutions of the State was: in Bridgeport, 14; in Hartford, 33; in Meriden, 6; in Middletown, 9; in New Britain, 4; in New Haven, 32; in New London, 6; in Norwalk, 3; in Norwich, 8; in Putnam, 1; in Stamford, 4; and in Waterbury, 8. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in January: Andover, Ashford, Avon, Bethany, Bolton, Chester, Colebrook, Columbia, East Haven, Franklin, Goshen, Ledyard, Marlborough, Middlebury, Middlefield, Morris, New Fairfield, Norfolk, Salem, Saybrook, Sherman, Union, Warren, Woodbury—24.

The Registrars of the following towns have made no report for January: Essex, Windsor—2.

REMARKS.

By Mortality Reports received there were 1,428 deaths during the month of January. This was 82 more than in *December and 8 more than in January of last year, and 35 more than the average number of deaths in January for the five years preceding.

	1904	1903	1902	1901	1900	1899
January,	1428	1420	1172	1439	1367	1565

The death-rate was 17.8 for the large towns, for the small towns 19.6, and for the whole State 18.3.

The deaths reported from infectious diseases, including diarrhœal, were 308, being 21.5 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—Andover, 1; Ansonia, 18; Avon, 3; Barkhamsted, 6; Bethany, 9; Branford (town and borough), 2; Bridgeport, 46; Brookfield, 1; Burlington, 1; Cheshire, 6; Clinton, 1; Derby, 4; East Haddam, 1; East Haven, 1; Easton, 1; East Windsor, 1; Fairfield, 75+; Farmington, 1; Franklin, 2; Glastonbury, 1; Greenwich (town and borough), 25; Groton, 15; Guilford, 19; Hamden, 25; Hartford, 16, Hartland, 10; Huntington, 18; Kent, 1; Lebanon, 4; Lyme, 7; Madison, 9; Milford, 10; Monroe, 7; Montville, 6; Naugatuck, 6; New Britain (city), 5; New Canaan, 1; New Haven, 56; New London, 9; New Milford, 125; Norfolk, 5; North Branford, 4; North Haven, 4; Norwalk (city), 40; Norwalk (town), 7; Norwich, 2; Orange, 6; Oxford, 7; Pomfret, 11; Seymour, 32; Sharon, 2; Shelton (borough), 47; South Norwalk (city) 9; Sprague, 14; Stafford Springs (borough), 5; Stamford (city), 2; Stratford, 79+; Stonington, 2; Suffield, 1; Thomaston, 1; Torrington, 1; Trumbull, 5; Waterbury, 28; Waterford, 3; Watertown, 1; West Haven (borough), 92; Weston, 1; Westport, 48+; Wethersfield, 1; Willimantic (city), 2; Windsor, 1; Winsted (borough), 206; Woodbridge, 12.—Total, 1236+ in 69 towns.

Scarlet Fever.—Branford (town and borough), 2; Bridgeport, 11; Bristol, 2; Cheshire, 2; Darien, 1; Derby, 2; Durham, 1; East Hartford, 9; Easton, 1; Enfield, 2; Farmington, 1; Granby, 1; Greenwich (town and borough), 4; Hamden, 3; Hartford, 36; Jewett City (borough), 1; Killingworth, 1; Manchester, 6; Meriden (city), 4; Naugatuck, 3; New Britain (city), 5; New Britain (town), 1; New Canaan 1; New Haven, 21; Newington, 1; North Haven, 1; Norwalk (city), 1; Norwalk (town), 10; Norwich (city), 6; Norwich (town), 1; Plainville, 1; Portland, 1; Salisbury, 4; Simsbury, 1; Southington, 2; South Norwalk (city), 6; Stamford (city), 2; Stonington, 2; Suffield, 6; Thompson, 2; Wallingford, 1; Waterbury, 3; West Hartford, 1; West Haven (borough), 1; Wethersfield, 3; Willimantic (city), 2; Windsor, 1.—Total, 180 in 43 towns.

Diphtheria and Croup.—Ansonia, 1; Berlin, 3; Bridgeport, 11; Danbury (city), 3; East Hartford, 1; Ellington, 1; Greenwich, 1; Hartford, 10; Manchester, 4; Middletown (city), 1; Naugatuck, 1; New Britain (city), 4; New Haven, 31; New London, 2; North Haven, 1; Norwalk (city), 7; Norwalk (town), 3; Norwich, (city), 4; Oxford, 1; Plainfield, 1; Redding, 1; Roxbury, 1; Seymour, 2; Shelton (borough), 2; South Norwalk (city), 1; Stafford, 1; Stafford Springs (borough), 2; Stamford (city), 2; Stamford (town), 1; Sterling, 2; Stonington, 5; Torrington (town and borough), 6; Wallingford, 4; Waterbury, 8; West Haven (borough), 1; Willimantic (city), 1; Windsor Locks, 7.—Total, 138 in 33 towns.

Cerebro-Spinal Fever.—Ansonia, 1.

Whooping Cough.—Ansonia, 4; Cromwell, 7; Hampton, 4; Hartford, 5; North Haven, 6; Putnam, 12; Redding, 4; Rockville (city), 10+; Salem, 1; Tolland, 12.—Total, 65+ in 10 towns.

Typhoid Fever.—Ansonia, 1; Bridgeport, 2; Bristol, 1; Canton, 1; Hamden, 1; Hartford, 4; Middletown (city), 3; Middletown (town), 1; New Haven, 6; Norwalk (city), 1; Norwalk (town), 2; Norwich (city), 1; Norwich (town), 1; Orange, 2; Rockville (city), 1; Simsbury, 1; Stamford (city), 3; Watertown, 1; Westport, 1; Wilton, 1; Woodbridge, 1.—Total, 36 in 18 towns.

Consumption.—Bridgeport, 14; Hartford, 5; Middletown (city), 3; Milford, 1; Montville, 1; Naugatuck, 1; New Canaan, 2; New Milford, 1; Roxbury, 2; Saybrook, 1; Southbury, 1; Stamford (city), 2; Willimantic (city), 3.—Total 37 in 13 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Ashford, Beacon Falls, Bethel, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Brooklyn, Canaan, Canterbury, Chaplin, Chatham, Chester, Colchester (town and borough), Colebrook, Columbia, Cornwall, Coventry, Danbury, Danielson (borough), Eastford, East Granby, East Lyme, Essex, Goshen, Griswold, Haddam, Harwinton, Hebron, Killingly, Ledyard, Lisbon, Litchfield, Mansfield, Marlborough, Meriden, Middlebury, Morris, New Fairfield, New Hartford, North Canaan, North Stonington, Old Lyme, Old Saybrook, Plymouth, Preston, Prospect, Rocky Hill, Scotland, Sherman, Somers, South Windsor, Stonington (borough), Union, Vernon, Voluntown, Warren, Washington, Westbrook, Willington, Winchester, Windham, Wolcott, Woodbury, Woodstock.—Total, 65.

*Twenty-four delayed certificates of death have been returned for December since the publication of the last Bulletin.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Haddam, 1; Madison, 1; New Milford, 3; Seymour, 1; Stratford, 2; Thomaston, 1; Westport, 1.—Total, 10.

Scarlet Fever.—Seymour, 1.

La Grippe.—Bethel, 1; Burlington, 1; Fairfield, 2; Guilford, 1; Hebron, 2; Lebanon, 1; Litchfield, 1; Madison, 3; Milford, 1; Pomfret, 1; Thomaston, 2; Tolland, 1; Watertown, 3; Wilton, 1.—Total, 21.

Cerebro-Spinal Fever.—Plymouth, 1.

Diphtheria and Croup.—Berlin, 1; Griswold, 1; Seymour, 3; Sterling, 1; Windsor Locks, 1.—Total, 7.

Whooping Cough.—Cromwell, 1.

Typhoid Fever.—Chaplin, 1; Hamden, 1.—Total, 2.

Consumption.—Berlin, 1; Bethel, 1; Canterbury, 1; Cromwell, 1; East Granby, 1; East Windsor, 1; Fairfield, 1; Glastonbury, 1; Litchfield, 1; Milford, 2; Monroe, 1; New Canaan, 1; Plainfield, 1; Roxbury, 1; Scotland, 1; Thomaston, 1; West Hartford, 1; Wethersfield, 3 —Total, 21.

All the Health Officers of Hartford, New Haven, New London, Windham, Litchfield and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

FAIRFIELD CO.—Newtown, Ridgefield (town and borough).

MIDDLESEX CO.—Middlefield.

MEASLES.

Measles is still prevailing in an epidemic form in too many towns in the State. That this disease can be controlled more than it is, has been demonstrated in many towns in the State during the past year. In over 150 instances, the monthly reports show that the primary cases have been taken care of and the spread of the disease arrested and confined to a single family.

A remarkable and strange misunderstanding of the Town Regulation on the part of some health officers, is perhaps responsible for part of the present excessive prevalence of measles.

The regulation reads: "All cases of Diphtheria * * * * * and primary cases of Measles, reported in this town or of which the Health Officer has information, shall be quarantined in such manner as he may direct."

It is inconceivable that any health officer should so misunderstand this rule as the following communication from one of them indicates. He writes:—Quarantining the "primary" case has proved a futile and very unsatisfactory measure in our town." * * * * * "It does not prevent any person except the "primary" case from going upon the street or into neighboring houses."

The use of the word "primary" in the regulation was due to the following considerations.

Measles is as contagious as any communicable disease. It is contagious while in its beginning and apparently only a common cold, several days before the eruption appears. Again it is too often regarded as a trivial disorder of little importance and no report is made to the health officer, nor any restrictions put upon the patient. Because of these two facts it has sometimes happened that the epidemic has become so widespread in a community that quarantining of all houses is impracticable. It would imprison a large percentage of the population. Such a condition does not occur in the other diseases mentioned in the Regulation.

The real intent and purpose of the Regulation is that so long as the cases are few in number or only a few in a neighborhood and there is reasonable hope that quarantining will prevent its further spread it should be enforced. The practice on that point is in the discretion of the health officer. It is ridiculously absurd that he should be limited in his action, by an arbitrary rule, to the numerically first case within the limits of his town. In one section the cases may be so numerous that quarantining is impossible and in another section in the same town a little remote, there may be only a few cases, the quarantining of which would prevent its further progress. In short, quarantining should be practiced so long as it seems likely to control the malady. Much will depend upon the coöperation and encouragement of the public. Then too the public will be guided much by the attitude of the health officer. All this explanation could not be included in formulating the Regulation. It was not thought wise to make the rule compulsory after it became impossible.

VITAL STATISTICS

For the last calendar year and the year before.

	For 1903	For 1902
Total Living Births	21,586	21,216
Marriages	8,064	7 660
Deaths	15,436	14 386

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, February 15, 1904.

METEOROLOGICAL REPORT FOR THE MONTH OF JANUARY, 1904.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date	Barometer.†		Temperature.‡						Relative Humidity.‖		Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and tooths.	8 A. M.	8 P. M.	
1	29.85	30.00	23	29	26	34	17	17	59	59	N	2	W	6	141	12	.0	Partly Cl'dy	Clear	Clear
2	30.08	29.65	7	10	10	17	4	13	70	88	N E	15	N	20	542	46	.53	Light Snow	Heavy Snow	Cloudy
3	29.91	30.20	1	3	4	8	0	8	68	65	N	21	W	4	419	40	.23	Light Snow	Clear	Partly Cl'dy
4	30.41	30.53	2	−2	2	11	−6	17	45	71	N	14	N	3	553	34	.0	Clear	Clear	Clear
5	30.59	30.53	−6	6	5	16	−6	22	47	69	N	12	N W	3	153	13	.0	Clear	Clear	Clear
6	30.39	30.16	−2	22	10	26	−6	32	56	58	W	1	S W	11	140	15	.0	Partly Cl'dy	Cloudy	Partly Cl'dy
7	30.04	29.96	18	22	23	30	16	14	71	66	N W	1	N W	1	70	10	T	Light Snow	Clear	Clear
8	29.80	29.61	17	28	21	29	13	16	77	82	N E	14	N	13	246	20	.03	Cloudy	Light Snow	Cloudy
9	29.47	29.59	29	31	30	36	25	11	72	68	N W	7	W	8	240	29	.02	Clear	Clear	Partly Cl'dy
10	29.76	29.86	20	27	26	34	19	15	85	70	S W	8	N W	4	193	16	.0	Clear	Clear	Clear
11	30.03	30.00	10	22	18	26	10	16	61	58	N	8	N E	16	258	26	.0	Clear	Clear	Clear
12	30.13	30.21	24	29	27	32	22	10	60	73	N E	17	N E	14	337	28	.0	Cloudy	Cloudy	Partly Cl'dy
13	30.06	29.49	33	37	34	40	28	12	80	95	N E	12	N	4	292	27	.50	Cloudy	Misting	Cloudy
14	29.56	29.61	31	32	32	37	27	10	68	54	S W	11	W	10	327	25	T	Clear	Clear	Partly Cl'dy
15	29.84	30.13	24	24	24	30	17	13	54	67	N W	5	N W	7	191	27	.0	Clear	Clear	Clear
16	30.12	29.63	16	35	26	37	15	22	76	95	N	1	S W	12	212	31	.05	Partly Cl'dy	Threatening	Cloudy
17	29.88	30.23	25	16	22	35	9	26	60	74	N W	6	N	12	351	30	.0	Clear	Clear	Clear
18	30.44	30.64	5	3	6	12	−1	13	58	71	N	7	N	12	306	22	.0	Clear	Clear	Clear
19	30.89	30.78	−6	6	3	12	−6	18	47	64	N	15	N E	7	266	29	.0	Clear	Clear	Clear
20	30.47	30.16	15	26	14	26	2	24	75	81	W	4	N W	3	110	15	.03	Light Snow	Light Snow	Cloudy
21	30.13	30.15	27	28	26	28	25	3	82	93	N E	8	N E	14	258	24	.09	Cloudy	Sleeting	Cloudy
22	30.05	29.74	34	47	38	50	27	23	100	100	N E	12	S	30	330	35	.57	Light Rain	Light Rain	Cloudy
23	29.82	29.89	45	42	44	49	39	10	100	92	S	12	N	8	193	20	.13	Sprinkling	Cloudy	Cloudy
24	29.93	30.08	35	28	32	39	24	15	81	64	W	8	W	15	266	28	.0	Clear	Clear	Clear
25	30.43	30.48	13	19	19	26	12	14	60	53	W	12	N W	3	234	33	.0	Clear	Clear	Clear
26	30.42	29.83	12	23	20	29	11	18	59	86	N E	12	N E	15	277	32	.34	Clear	Light Rain	Cloudy
27	30.08	30.42	20	16	17	23	11	12	55	79	W	8	N	4	229	23	.01	Clear	Clear	Clear
28	30.62	30.48	6	22	14	22	5	17	54	71	N W	4	S	2	94	8	.0	Clear	Cloudy	Clear
29	30.23	30.11	18	21	20	22	18	4	80	94	N E	20	N E	18	416	33	.21	Light Snow	Light Snow	Cloudy
30	30.15	30.19	19	26	26	32	19	13	81	87	N	9	S E	2	180	20	.04	Light Snow	Clear	Clear
31	30.16	29.87	25	32	28	33	23	10	91	89	S W	2	S	2	104	11	.0	Foggy	Cloudy	Partly Cl'dy
Month Ave's.	30.12	30.07	18	23	21	28	13	15	69	75	N	9	N	9	246	46	2.78			

SUMMARY.

Barometer.

Monthly Mean, 30.10 inches.

Highest, 30.89 in.; Date, 19.

Lowest, 29.47 in.; Date, 9.

Monthly range, 1.42 inches.

Temperature.

Monthly Mean, 21 degrees.
Highest, 50 degrees; Date, 22.
Lowest, −6 degrees; Date, 5.
Absolute range, 56 degrees.
Greatest daily range, 32 degrees; Date, 6.
Least daily range, 3 deg.; Date, 21.
Mean daily range, 15 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 204 degrees.

Wind.

Prevailing direction, N.
Mean hourly velocity, 10 miles.
Max. velocity and direction, 45 N E; Date, 2.
Total monthly movement, 7,628 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 16.
*Greatest 24 hour precipitation, (in. and tooths), .71; Date, 2, 3.
Total monthly precipitation, (in. and tooths), 2.78 in.
Total depth of snowfall (in.), 19.3
Dates of thunder storms, none.
Accumulated deficiency of precipitation since Jan. 1st, 1.53 inches.

Compar. Temp. (Mon. Mean.)				Com. Rainfall. (Inches and tooths.)	
1873---24 deg.		1889---34 deg.		1873---7.42	1889---4.47
1874---32 "		1890---35 "		1874---4.27	1890---3.03
1875---23 "		1891---31 "		1875---2.72	1891---6.77
1876---35 "		1892---27 "		1876---1.54	1892---5.38
1877---27 "		1893---20 "		1877---1.60	1893---3.47
1878---31 "		1894---30 "		1878---6.80	1894---2.74
1879---26 "		1895---27 "		1879---2.69	1895---5.13
1880---37 "		1896---25 "		1880---3.75	1896---1.82
1881---21 "		1897---28 "		1881---4.79	1897---3.85
1882---27 "		1898---30 "		1882---5.91	1898---4.96
1883---24 "		1899---28 "		1883---5.60	1899---4.33
1884---24 "		1900---30 "		1884---4.63	1900---3.60
1885---27 "		1901---28 "		1885---4.05	1901---1.38
1886---25 "		1902---27 "		1886---3.53	1902---1.83
1887---25 "		1903---29 "		1887--- 4.24	1903---3.17
1888---21 "		1904---21 "		1888---5.48	1904---2.78

Monthly mean humidity, 72 per cent. Monthly mean dew point, 13. Number of clear days, 15. Number of fair days, 6. Number of cloudy days, 10.

Notes.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVIII. NO. 2.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF FEBRUARY, 1904

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of February, 1904, and a Statement of the Births and Marriages for the Month of January, 1904.

Total estimated population of the State is 947,493.

TOWNS.	Estimated Population.	Living Births in Jan.	Still Births in Jan.	Marriages in Jan.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,148	27	3	8	17	15.5	5	1	35.2	----	----	----	2	----	----	----	----	----	----	----	1	1	2	1	3	1	2	1	3
Branford,	5,955	19	1	3	12	24.1	2	2	33.3	----	----	----	1	----	----	----	----	----	----	----	1	----	1	2	1	2	----	----	4
Bridgeport,	82,128	180	9	53	119	17.0	30	9	32.7	----	3	----	----	----	1	1	3	----	----	1	----	----	2	1	13	16	10	11	7	6	44
Bristol,	10,095	18	1	7	14	16.6	1	2	21.4	----	----	----	2	----	1	----	----	----	----	----	----	----	----	----	1	1	----	----	3	----	6
Danbury,	19,474	51	1	8	29	17.8	4	1	17.2	----	----	----	2	----	----	----	----	----	----	----	1	----	4	4	----	6	5	1	6
Derby,	8,320	19	----	7	11	15.8	2	2	36.3	----	----	1	1	----	1	----	----	----	----	----	----	----	1	3	----	----	----	----	4
East Hartford,	6,796	8	2	4	9	15.8	1	1	22.2	----	----	1	1	----	----	----	----	----	----	----	----	----	1	1	----	1	----	1	3
Enfield,	6,600	10	----	8	11	20.0	3	1	36.3	----	----	----	1	----	----	1	----	----	----	----	----	----	1	1	----	----	1	----	6
Greenwich,	12,580	21	1	1	14	13.3	3	----	21.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	3	----	2	8
Groton,	6,046	16	4	2	13	25.8	2	3	38.4	----	----	----	----	----	1	----	----	----	----	----	----	----	1	3	1	----	2	1	4
Hartford,	85,174	180	8	47	124	15.4	19	4	18.5	----	----	----	4	----	----	----	----	1	----	----	----	----	6	19	3	9	17	5	60
Huntington,	5,885	17	----	2	6	12.2	2	----	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	----	----	3
Killingly,	6,797	11	1	5	8	14.1	3	----	37.5	----	----	----	1	----	----	----	----	----	----	----	----	----	1	----	----	2	2	----	2
Manchester,	11,076	32	2	6	13	14.0	2	1	23.0	----	----	1	1	----	----	----	----	----	----	----	----	----	2	2	1	2	----	----	4
Meriden,	29,350	64	4	17	42	16.7	12	3	35.7	----	----	----	3	----	----	----	----	----	----	----	1	4	6	2	6	2	----	18
Middletown,	17,942	23	----	10	27	13.3	8	----	29.6	----	----	----	----	----	----	----	----	----	----	1	----	----	3	1	2	8	5	2	5
Naugatuck,	11,405	33	4	----	17	17.8	5	----	29.4	----	----	----	----	----	----	----	----	----	----	----	----	----	2	3	----	1	1	----	9
New Britain,	30,040	89	8	23	51	20.3	8	4	23.5	----	----	1	1	1	2	----	----	2	----	----	----	----	5	9	1	7	10	2	10
New Haven,	112,420	252	13	77	163	16.7	32	10	25.7	----	1	1	7	----	1	2	2	1	----	----	1	----	13	31	11	18	17	8	49
New London,	18,306	35	----	18	35	22.9	7	----	20.0	----	----	----	1	----	1	----	----	1	----	----	----	----	3	7	----	4	----	2	16
Norwalk,	20,370	18	4	9	25	12.9	----	2	8.0	----	----	----	----	1	----	----	----	----	----	----	----	----	5	6	----	3	4	1	5
Norwich,	24,954	51	4	14	33	14.4	8	4	36.3	----	----	----	1	----	1	----	----	1	----	----	----	----	5	5	----	5	4	1	10
Orange,	7,486	8	----	----	10	16.0	3	----	30.0	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	2	1	1	----	5
Putnam,	7,514	12	----	6	9	12.7	2	1	33.3	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	----	2	1	----	4
Southington,	5,967	11	1	2	4	8.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	----	1	----
Stamford,	19,465	51	2	13	28	16.6	7	1	28.5	----	----	----	----	----	----	----	----	----	----	----	----	----	3	7	----	5	3	2	8
Stonington,	8,810	17	1	5	14	19.0	1	----	7.1	----	----	----	----	----	----	----	----	1	----	----	----	----	----	4	----	1	1	1	6
Thompson,	6,614	20	1	4	10	18.1	2	----	20.0	----	----	----	1	----	----	----	----	----	----	----	1	----	1	4	----	1	1	----	1
Torrington,	13,733	25	----	11	10	8.8	3	2	50.0	----	----	----	1	----	----	----	----	----	----	----	----	----	----	3	----	1	----	2	3
Vernon,	8,420	16	1	3	13	18.5	1	1	15.3	----	----	----	----	----	----	1	----	----	----	----	----	----	1	2	----	----	1	----	8
Wallingford,	9,484	23	3	5	12	15.1	3	----	25.0	----	----	----	----	----	1	1	1	----	----	----	----	----	----	2	----	2	----	----	5
Waterbury,	54,726	130	7	36	70	15.1	18	6	34.2	----	----	----	2	----	4	1	----	----	----	1	3	1	8	10	6	4	8	3	19
Winchester,	8,079	6	----	4	16	23.7	1	3	25.0	----	1	----	----	----	----	1	----	----	----	----	----	1	2	1	----	3	----	----	7
Windham,	10,157	23	3	12	12	14.1	2	2	33.3	----	----	----	1	----	----	----	----	----	----	----	1	----	4	----	1	2	1	1	1
Total of the 34 above towns,	705,316	1516	89	420	1001	17.0	202	66	26.7	----	5	5	35	3	14	8	6	7	1	2	11	6	93	159	44	114	99	43	346
133 towns of less than 5,000 inhabitants,	241,514	338	11	93	383	19.0	45	13	15.1	----	4	1	29	----	5	5	----	1	----	1	6	----	23	58	14	54	47	15	120
Total reported from 167 towns,	946,830	1854	100	513	1384	17.5	247	79	23.5	----	9	6	64	3	19	13	6	8	1	3	17	6	116	217	58	168	146	58	466
Population of town not reporting,	663																												

The Mortality in Public Institutions of the State was: in Bridgeport, 12; Danbury, 2; in Hartford, 40; in Meriden, 2; in Middletown, 8; in New Britain, 3; in New Haven, 28; in New London, 4; in Norwalk, 3; in Norwich, 4; in Putnam, 1; in Stamford, 3; and in Waterbury, 3. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in February: Andover, Ashford, Beacon Falls, Bethany, Bolton, Canaan, Columbia, East Haven, Franklin, Granby, Lyme, Marlborough, Middlebury, New Canaan, North Branford, Old Lyme, Preston, Prospect, Salem, Somers, Southbury, Union, Warren, Wolcott—24.

The Registrar of the following town has made no report for February: Killingworth.

REMARKS.

By Mortality Reports received there were 1,384 deaths during the month of February. This was 55 less than in January and 81 more than in February of last year, and 132 more than the average number of deaths in February for the five years preceding.

	1904	1903	1902	1901	1900	1899
January,	*1439	1420	1172	1439	1367	1565
February,	1384	†1303	1124	1381	1261	1192

The death-rate was 17.0 for the large towns, for the small towns 19.0, and for the whole State 17.5.

The deaths reported from infectious diseases, including diarrhœal, were 273, being 19.6 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—Ansonia, 3; Avon, 3; Bethany, 9; Bloomfield, 2; Branford, 1; Bridgeport, 21; Brookfield, 1; Canaan, 1; Columbia, 5; Danbury (city), 1; Durham, 1; East Granby, 7; Essex, 8; Fairfield, 6; Granby, 5; Greenwich, 1; Groton, 22; Guilford (epidemic); Haddam, 4; Hamden, 12; Hampton, 1; Hartford, 21; Huntington, 5; Ledyard, 1; Litchfield (town and borough), 2; Madison, 3; Meriden (city), 1; Middletown (city), 1; Milford, 25; Montville, 5; Naugatuck, 2; New Canaan, 1; New Hartford, 1; New Haven, 66; Newington, 1; New London, 4; New Milford, 25; Newtown, 46; Norfolk, 9; North Canaan, 3; North Haven, 20; Norwalk (city), 55; Norwalk (town), 4; Norwich (city), 31; Old Saybrook, 3; Orange, 4; Oxford, 1; Redding, 1; Ridgefield (town), 6; Ridgefield (borough), 3; Seymour, 2; Sharon, 1; Simsbury, 21; Southbury, 1; South Norwalk (city), 2; Stamford (city), 23; Stonington, 1; Stratford, 11; Suffield, 3; Thompson, 5; Waterbury (city), 23; Watertown, 5; West Haven (borough), 48; Westport, 16; Wethersfield, 3; Willimantic (city), 2; Wilton, 2; Winsted (borough), 82; Woodbridge, 1.—Total, 716+ in 66 towns.

Scarlet Fever.—Branford (town and borough), 5; Bridgeport, 23; Bristol, 1; Cheshire, 1; Cromwell, 1; Darien, 1; Derby, 1; East Hartford, 6; Easton, 1; East Windsor, 3; Glastonbury, 1; Greenwich, 1; Griswold, 6; Groton, 1; Hamden, 12; Hartford, 13; Harwinton, 1; Hebron, 2; Litchfield (town and borough), 4; Manchester, 2; Meriden (city), 2; Meriden (town), 1; Naugatuck, 3; New Britain (city), 2; New Britain (town), 2; New Canaan, 1; New Haven, 24; Newington, 4; Newtown, 5; Norwalk (city), 1; Norwalk (town), 2; Norwich (city), 2; Plainville, 2; Portland, 4; Salisbury, 12; Saybrook, 1; Seymour, 1; Shelton (borough), 1; Simsbury, 3; Southbury, 3; Southington, 7; Stamford (city), 1; Stonington, 2; Stratford, 1; Suffield, 1; Torrington (town and borough), 5; Wallingford, 8; Waterbury (city), 9; Watertown, 1; West Hartford, 1; West Haven (borough), 1; Westport, 1; Willimantic (city), 3; Winsted (borough), 1; Woodbridge, 1.—Total, 194 in 51 towns.

Cerebro-Spinal Fever.—Norwalk (city), 1.

Diphtheria and Croup.—Ansonia, 1; Berlin, 2; Bridgeport, 13; Bristol, 2; Chester, 1; Danielson (borough), 1; Darien, 1; Derby, 1; Enfield, 1; Greenwich, 1; Groton, 1; Hartford, 8; Meriden (city), 1; Middletown (city), 2; Montville, 1; Naugatuck, 2; New Britain (city), 4; New Haven, 4; New London, 3; New Milford, 2; Norwalk (city), 1; Norwich (city), 1; South Norwalk (city), 3; Stafford, 1; Stafford Springs (borough), 1; Stamford (city), 4; Stonington, 1; Suffield, 1; Torrington (town and borough), 4; Vernon, 1; Wallingford, 3; Waterbury, 12; West Haven (borough), 1; Westport, 3; Windsor Locks, 1; Winsted (borough), 4.—Total, 94 in 34 towns.

Whooping Cough.—Ansonia, 2; Danielson (borough), 2; Glastonbury, "several"; Hampton, 5; Hartford, 2; Killingly, "some"; Madison, 5; New Canaan (town and borough), 20; North Haven, 4; Prospect, 3; Putnam, 9; Rockville (city), 3+; Salem, 1; Vernon, 5.—Total, 61+ in 14 towns.

Typhoid Fever.—Bridgeport, 3; Bristol, 1; Chatham, 1; Danbury, 1; Essex, 1; Glastonbury, 1; Groton, 1; Hartford, 3; Meriden (city), 1; Middletown (city), 1; New Haven, 2; South Norwalk (city), 1; Stonington, 1; Thompson, 1; Waterbury (city), 2.—Total, 21 in 15 towns.

Consumption.—Ansonia, 1; Bridgeport, 10; Brooklyn, 2; Derby, 1; East Windsor, 1; Hartford, 3; Rocky Hill, 1; Southbury, 2; South Norwalk (city), 1; South Windsor, 1; Willington, 1.—Total 24 in 11 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Barkhamsted, Beacon Falls, Bethel (town and borough), Bethlehem, Bolton, Bozrah, Bridgewater, Burlington, Canterbury, Canton, Chaplin, Clinton, Colchester (town and borough), Colebrook, Cornwall, Coventry, Eastford, East Haddam, East Haven, East Lyme, Ellington, Farmington, Franklin, Goshen, Hartland, Jewett City (borough), Kent, Killingworth, Lebanon, Lisbon, Mansfield, Marlborough, Middlebury, Middletown, Monroe, Morris, New Fairfield, North Branford, North Stonington, Old Lyme, Plainfield, Plymouth, Pomfret, Preston, Roxbury, Scotland, Sherman, Somers, Sprague, Stamford, Sterling, Stonington (borough), Thomaston, Tolland, Trumbull, Union, Voluntown, Warren, Waterford, Westbrook, Weston, Winchester, Windham, Windsor, Wolcott, Woodbury, Woodstock.—Total, 69.

* Eleven delayed certificates have been returned for January since the publication of the last Bulletin.

† Nine delayed certificates have been returned for January, 1903, after publication of the Bulletin.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Ledyard, 1; Milford, 1; New Milford, 1; Westport, 1.—Total, 4.

Scarlet Fever.—Plainville, 1.

La Grippe.—Barkhamsted, 1; Bethel, 2; Bozrah, 1; Burlington, 1; Cheshire, 1; Colchester, 1; East Windsor, 1; Ellington, 1; Griswold, 2; Haddam, 1; Mansfield, 1; Milford, 1; Morris, 1; New Hartford, 1; Ridgefield, 2; Scotland, 1; Sharon, 1; Sprague, 1; Stafford, 1; Thomaston, 1; West Hartford, 1; Wethersfield, 1; Wilton, 2; Windsor, 1; Woodstock, 1.—Total, 29.

Diphtheria and Croup.—Darien, 1; New Milford, 2; Westport, 2.—Total, 5.

Whooping Cough.—Coventry, 1; Windsor Locks, 4.—Total 5.

Typhoid Fever.—New Milford, 1.

Consumption.—Canton, 1; Chatham, 1; Chester, 1; East Haddam, 1; East Windsor, 1; Glastonbury, 1; Haddam, 1; Harwinton, 1; Lisbon, 1; Milford, 1; New Milford, 1; Newtown, 2; Portland, 1; Roxbury, 1; Salisbury, 3; Stafford, 2; Thomaston, 1; Waterford, 1; Watertown, 1.—Total, 23.

All the Health Officers of Hartford, New Haven, Fairfield, Windham and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

New London Co.—Lyme, Norwich (town).
Litchfield Co.—Washington.
Middlesex Co.—Middlefield.

PNEUMONIA.

The 217 deaths from pneumonia in the shortest month in the year is so much in excess of other diseases and of its own fatality in former years, as to force the inquiry if there are any means of prevention. Since the pandemic of lagrippe in 1899–90, the prominence of pneumonia as a fatal disease has been steadily above any previous record. The records show that ever since 1889–90, in the winter and spring months, pneumonia has been more fatal than any other malady. Now lagrippe is an infectious and communicable disease with a special tendency to attack the lungs. Pneumonia is also an infectious disease, and the infection is believed to be very prevalent, and often found in the mouths of healthy people, who are quite able to resist it so long as their respiratory surfaces are in a normal condition. But attacked by lagrippe, they become also vulnerable to the disease germ which causes pneumonia. Hence in many cases the order is, first the grip, then pneumonia. So, too, any other respiratory irritant will have a like effect and render the subject susceptible to the pneumonic inflammation. Depressing influences of every kind are contributory to this susceptibility, but especially those which may tend to inflame the respiratory passages.

It is for this reason that pneumonia is so often attributed to "taking cold," whereas the taking cold was the opportunity that the disease germ seized upon to get in its dangerous work in the lung tissue.

Fog, which is a combine of dust and moisture, affects the health of large communities in a marked degree. This is notably true of cities as compared with the country. Because in cities the fog is so largely composed of the carbon from the combustion of coal. There is no reason to doubt that the increased use of soft coal this winter has been an important factor in the prevalence of pneumonia in New Haven. "It is a well recognized fact that during periods of heavy fogs in manufacturing centres sickness and death from respiratory disease is greatly increased, and that as the atmosphere clears a sharp decline follows." "In London the death-rate has been known to become almost doubled during a fortnight of condensed, smoky fog, and then to return to its normal figure with the advent of clear weather, the increase being due particularly to affections of the respiratory tract, attributed to the irritating influence of the finely divided particles of soot and the acids which accompany them."

PRECAUTIONS: Live properly. Indulge in no excesses in eating and especially in drinking. Keep the feet dry and warm. Dress comfortably according to the temperature. Avoid unnecessary exposures, and take care of early symptoms. Pneumonia is a communicable disease, and the sputum of pneumonia patients should be destroyed as carefully as that of consumptives.

Respectfully submitted,
C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, March 15, 1904.

METEOROLOGICAL REPORT FOR THE MONTH OF FEBRUARY, 1904.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and rooths.	8 A. M.	8 P. M.	
1	29.48	29.73	30	18	23	35	11	24	83	61	S W	4	N W	13	239	33	T	Cloudy	Clear	Cloudy
2	30.23	29.88	6	32	18	32	5	27	74	72	W	4	S W	16	253	23	.0	Clear	Cloudy	Partly Cl'dy
3	30.07	30.18	17	18	24	31	16	15	66	74	N W	16	S W	9	320	20	.0	Clear	Clear	Clear
4	30.31	30.29	13	14	15	19	11	8	61	51	N W	7	W	4	226	20	T	Clear	Clear	Clear
5	30.18	30.23	17	24	20	19	12	17	57	54	W	8	N	3	203	20	.0	Clear	Clear	Clear
6	29.97	29.84	29	42	30	42	19	23	88	81	N	6	S W	11	141	14	.36	Cloudy	Cloudy	Cloudy
7	29.74	29.47	35	38	42	50	34	16	100	100	S	7	S W	8	187	17	.01	Misting	Foggy	Cloudy
8	29.90	30.31	28	16	30	51	10	41	48	55	N W	14	N W	9	371	40	.0	Clear	Clear	Clear
9	30.47	30.45	8	12	11	15	7	8	67	54	N W	5	N W	7	202	21	.0	Clear	Clear	Clear
10	30.52	30.40	2	19	12	24	1	23	51	50	N	15	N	9	288	23	.0	Clear	Clear	Clear
11	30.44	30.39	8	17	14	22	7	15	67	60	N	18	N	7	265	20	.0	Partly Cl'dy	Clear	Clear
12	30.35	30.34	6	18	14	24	5	19	43	52	N	14	N	14	270	20	.0	Clear	Clear	Clear
13	30.38	30.36	19	30	24	33	14	19	69	89	N	15	N E	8	282	27	.0	Partly Cl'dy	Cloudy	Partly Cl'dy
14	30.31	29.94	26	30	28	30	25	5	68	89	N E	8	S W	8	218	20	.06	Cloudy	Light Snow	Cloudy
15	29.71	29.81	28	17	20	30	19	21	71	70	N	11	N W	8	300	35	.09	Cloudy	Clear	Clear
16	29.95	29.99	1	6	4	9	0	9	42	54	W	16	N W	14	395	34	.0	Clear	Clear	Clear
17	30.13	30.25	6	14	12	20	3	17	43	59	N W	10	N	15	342	33	.0	Clear	Clear	Clear
18	30.42	30.41	8	22	18	28	7	21	38	67	N	10	N W	3	161	14	.0	Clear	Cloudy	Partly Cl'dy
19	30.26	30.20	20	23	21	25	17	8	67	80	S	3	N	12	157	19	.13	Light Snow	Cloudy	Cloudy
20	30.53	30.62	16	28	26	26	15	21	58	53	N	12	N E	9	250	20	.0	Clear	Clear	Clear
21	30.69	30.31	14	39	26	41	10	31	72	92	N	3	S E	10	163	18	T	Clear	Cloudy	Clear
22	29.65	29.80	45	36	39	49	29	20	100	64	S W	10	W	16	336	32	1.53	Light Rain	Clear	Partly Cl'dy
23	30.02	29.77	28	37	33	40	26	14	59	65	S	9	S W	5	281	23	.0	Clear	Partly Cl'dy	Partly Cl'dy
24	29.55	29.70	33	32	34	40	27	13	86	70	N	4	N W	12	173	25	.10	Heavy Snow	Partly Cl'dy	Clear
25	29.87	30.18	14	13	18	27	10	17	70	54	N W	20	N	12	426	47	T	Clear	Clear	Clear
26	30.37	30.33	10	23	18	26	10	16	48	59	N	12	N	5	189	18	.0	Clear	Partly Cl'dy	Clear
27	30.47	30.58	15	29	24	33	14	19	64	77	N	16	E	6	208	18	.0	Clear	Clear	Clear
28	30.43	30.08	31	36	33	39	27	12	76	91	S E	9	S W	5	232	21	.24	Cloudy	Partly Cl'dy	Cloudy
29	30.21	30.23	38	34	35	40	30	10	79	76	N E	20	N E	16	279	24	.0	Cloudy	Cloudy	Cloudy
Month Ave's.	30.16	30.14	19	25	23	32	14	18	66	68	N	11	N	9	254	40	2.52			

SUMMARY.

BAROMETER.

Monthly Mean, 30.15 inches.

Highest, 30.69 in.; Date, 21.

Lowest, 29.47 in.; Date, 7.

Monthly range, 1.22 inches.

TEMPERATURE.

Monthly Mean, 23 degrees.
Highest, 51 degrees; Date, 8.
Lowest, zero degrees; Date, 16.
Absolute range, 51 degrees.
Greatest daily range, 41 degrees; Date, 8.
Least daily range, 8 deg.; Date, 5.
Mean daily range, 18 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 3.74 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 11 miles.
Max. velocity and direction, 36 N W; Date, 25.
Total monthly movement, 7,357 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 12.
*Greatest 24 hour precipitation, (in. and rooths), 1.53; Date, 21,22.
Total monthly precipitation, (in. and rooths), 2.52 in.
Total depth of snowfall (in.), 5.7
Dates of thunder storms, none.
Accumulated deficiency of precipitation since Jan. 1st, 3.27 inches.

COMPAR. TEMP. (Mon. Mean.)

1873	26 deg.	1889	25 deg.
1874	28 "	1890	36 "
1875	24 "	1891	32 "
1876	32 "	1892	31 "
1877	36 "	1893	26 "
1878	33 "	1894	26 "
1879	27 "	1895	22 "
1880	34 "	1896	29 "
1881	26 "	1897	30 "
1882	32 "	1898	31 "
1883	28 "	1899	25 "
1884	33 "	1900	29 "
1885	20 "	1901	24 "
1886	27 "	1902	26 "
1887	30 "	1903	32 "
1888	28 "	1904	23 "

COM. RAINFALL. (Inches and rooths.)

1873	3.45	1889	2.08
1874	3.86	1890	3.19
1875	3.98	1891	5.88
1876	4.29	1892	1.56
1877	1.07	1893	6.23
1878	6.40	1894	4.23
1879	3.89	1895	0.99
1880	3.80	1896	5.65
1881	6.17	1897	2.00
1882	4.52	1898	4.55
1883	5.00	1899	3.39
1884	5.57	1900	6.39
1885	3.15	1901	0.54
1886	5.95	1902	3.58
1887	6.22	1903	3.98
1888	3.16	1904	2.52

Monthly mean humidity, 67 per cent. Monthly mean dew point, 13. Number of clear days, 17. Number of fair days, 5. Number of cloudy days, 7.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XVIII. No. 3.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MARCH, 1904

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of March, 1904, and a Statement of the Births and Marriages for the Month of February, 1904.

Total estimated population of the State is 947,493.

TOWNS.	Estimated Population.	Living Births in Feb.	Still Births in Feb.	Marriages in Feb.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,148	20		10	14	12.7	2	3	35.7			1	1										1	3	1	3	1		3
Branford,	5,955	15	1	1	10	20.1	2		26.0							1								2	2	2	1		2
Bridgeport,	82,128	175	12	60	125	17.8	19	9	22.4			1	7		1	1	2	2			1		15	20	2	11	12	3	47
Bristol,	10,095	20	1	6	20	23.7	3		15.0				3					2			1		2	4	1	2	1		4
Danbury,	19,474	37	3	9	32	19.7	9		28.1				5		1	1					2		1	5	3	3	3	1	7
Derby,	8,320	20		5	9	12.9	1		11.1														1	2		2			4
East Hartford,	6,796	16	1	2	9	15.8	1		11.1				1											3		1	1	1	2
Enfield,	6,600	16		3	12	21.8	2		16.6				1										1		1	1	1		7
Greenwich,	12,580	11	2	4	15	14.3	3	2	33.3														1	4			1	2	7
Groton,	6,046	14	2	2	9	17.8	3	1	44.4															3	1	2		1	2
Hartford,	85,174	172	4	55	138	16.3	21	10	22.4				9		1			1			2	1	14	21	4	20	9	10	46
Huntington,	5,885	10		3	9	18.3	1	1	22.2				1										1			2	1		4
Killingly,	6,797	14		2	8	14.1	2		25.0				1													4	1		2
Manchester,	11,076	20		5	9	9.7	4		44.4				2										2	1		1			3
Meriden,	29,350	76	2	14	38	15.5	7	2	23.6				2		1						1		5	10	1	8	2	2	6
Middletown,	17,942	27	1	11	45	18.7	8		17.7														10	11	1	8	8		7
Naugatuck,	11,405	20	1	4	12	12.6	2	1	25.0				1										1			2		1	7
New Britain,	30,040	80	4	26	42	16.7	13	4	40.4		1		3	1	1								4	5	5	3	1	2	16
New Haven,	112,420	246	8	58	219	22.4	41	22	28.7		6		15	1	2	2	2	3	1		3	3	12	37	14	18	15	12	73
New London,	18,306	51	3	16	41	26.8	5	1	14.6				2								2		6	2	3	8	5	1	12
Norwalk,	20,370	23	4	9	36	21.2	4	3	19.4		2		3		2								7	5	1	7	3		6
Norwich,	24,954	46	1	11	33	15.8	2		6.0				1										1	8		3	3		17
Orange,	7,486	6	3		9	14.4	3	2	55.5															1	1		1		6
Putnam,	7,514	18	1	8	10	15.9	4		40.0														2	1	1	2	1	1	2
Southington,	5,967	5	1	5	17	34.1		2	11.7			1	5											5			3	1	2
Stamford,	19,465	34	3	18	41	25.2	8	3	26.8			2	4										2	8	1	4	4		16
Stonington,	8,810	14	2	6	17	23.1	2	1	17.6															5	1	2	3		6
Thompson,	6,614	15		3	10	18.1	4		40.0				1					1			2		1					2	3
Torrington,	13,733	23	3	4	11	9.6	5		45.4				1										3	1		1		1	4
Vernon,	8,420	7	1	5	10	14.2	1	2	30.0														1	2				1	6
Wallingford,	9,484	20		3	18	22.7	4		22.2			1	2			1							4			2		4	4
Waterbury,	54,726	114	8	35	80	17.1	14	7	26.2				4		4			3	1		1		12	10	2	8	7	5	23
Winchester,	8,079	9	1	4	10	14.8							1										2			2	1	1	2
Windham,	10,157	18	1	3	18	21.2	3	1	22.2				3					1					2	1	1	3	3		4
Total of the 34 above towns,	705,316	1412	74	410	1136	19.3	203	77	24.6		9	6	79	2	13	6	4	13	2		15	4	114	180	48	135	92	52	362
132 towns of less than 5,000 inhabitants,	238,162	373	19	71	381	19.1	39	18	14.9				41		2	1	3	1			1	2	34	55	12	38	44	23	123
Total reported from 166 towns,	943,478	1785	93	481	1517	19.2	242	95	22.2		9	6	120	2	15	7	7	14	2		16	6	149	235	60	173	136	75	485
Population of towns not reporting,	4,015																												

The Mortality in Public Institutions of the State was: in Bridgeport, 12; in Danbury, 3; in Hartford, 43; in Meriden, 1; in Middletown, 19; in New Britain, 2; in New Haven, 37; in New London, 5; in Norwalk, 1; in Norwich, 5; in Stamford, 3; and in Waterbury, 8. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in March: Andover, Barkhamsted, Bolton, Canterbury, Clinton, Cromwell, Durham, Goshen, Kent, Lisbon, Marlborough, Newington, Salem, Union, Warren, Willington, Woodbridge, Woodbury—18.

The Registrars of the following towns have made no report for March: Canaan, Newtown—2.

REMARKS.

By Mortality Reports received there were 1,517 deaths during the month of March. This was 130 more than in February and 96 more than in March of last year, and 115 more than the average number of deaths in March for the five years preceding.

	1904	1903	1902	1901	1900	1899
January,	1439	1420	1172	1439	1367	1565
February,	*1387	1303	1124	1381	1261	1192
March,	1517	1421	1239	1441	1691	1221
Total 1st quarter,	4343	4144	3535	4261	4319	3978

The death-rate was 19.3 for the large towns, for the small towns 19.1, and for the whole State 19.2.

The deaths reported from infectious diseases, including diarrhœal, were 353, being 23.2 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—Avon, 3; Bethany, 1; Bethel, 1; Branford (town and borough), 6; Bridgeport, 9; Bridgewater, 1; Bristol, 6; Canaan, 1; Chaplin, 1; Cheshire, 1; Columbia, 14; Darien, 4; Durham, 83; East Haven, 5; Ellington, 1; Essex, 12; Greenwich (town and borough), 25; Guilford, 20; Hamden, 17; Hampton, 3; Hartford, 20; Harwinton, 1; Killingworth, 1; Manchester, 39; Mansfield, 2; Milford, 45; Naugatuck, 3; New Britain (city), 3; New Canaan (town and borough), 5; New Haven, 77; New London, 3; New Milford, 5; Newtown, 6; Norfolk, 2; North Canaan, 4; North Haven, 20; Norwalk (city), 76; Norwalk (town), 10; Norwich (city), 1; Old Saybrook, 1; Plymouth, 2; Putnam, 1; Ridgefield, 18; Ridgefield (borough), 8; Salisbury, 2; Simsbury, 7; South Norwalk (city), 9; Stamford (city), 72; Stamford (town), 7; Suffield, 3; Thompson, 10; Union, 2; Waterbury, 21; Waterford, 3; Watertown, 4; West Haven (borough), 34; Weston, 2; Westport, 12; Willimantic (city), 58; Windham, 11; Winsted (borough), 10; Woodbury, 1.—Total, 844 in 57 towns.

Scarlet Fever.—Ansonia, 1; Avon, 1; Branford, 1; Bridgeport, 44; Bristol, 4; Cheshire, 1; East Hartford, 3; Ellington, 1; Fairfield, 1; Glastonbury, 2; Granby, 1; Hamden, 1; Hartford, 16; Madison, 3; Manchester, 2; Meriden (city), 14; Meriden (town), 4; Naugatuck, 1; New Canaan (town and borough), 3; New Haven, 9; Newington, 1; Norwalk (city), 1; Norwalk (town), 3; Norwich (city), 4; Oxford, 1; Plainville, 1; Pomfret, 2; Portland, 2; Roxbury, 3; Saybrook, 1; Seymour, 1; Shelton (borough), 1; Simsbury, 2; Southbury, 3; Southington, 9; Stamford (city), 5; Stratford, 1; Suffield, 3; Torrington (town and borough), 5; Wallingford, 4; Washington, 2; Waterbury, 7; Watertown, 2; West Hartford, 2; Westport, 6; Wethersfield, 1; Wilton, 3; Windham, 1; Winsted (borough), 1.—Total, 191 in 47 towns.

Diphtheria and Croup.—Ansonia, 2; Bethel, 1; Bridgeport, 14; Bristol, 1; Darien, 3; Derby, 1; East Hartford 1; Hartford, 9; Meriden 1; Middletown (city), 1; Naugatuck, 3; New Britain (city), 5; New Canaan, 1; New Haven, 12; Norwalk (city), 3; Oxford 1; Rockville (city), 2; Shelton (borough), 1; South Norwalk (city), 3; Stafford, 3; Stamford (city), 4; Suffield, 1; Thomaston, 2; Wallingford, 3; Waterbury, 12; Willimantic (city) 1; Wilton, 2.—Total, 93 in 26 towns.

Whooping Cough.—Branford (town and borough), 3; Eastford, 8; Hampton, 2; New Canaan (town and borough), 11; Prospect, 7; Putnam, 12; Redding, 1; Vernon, 11.—Total, 55 in 8 towns.

Typhoid Fever.—Bridgeport, 1; Canterbury, 1; Chatham, 1; Hartford, 1; Lebanon, 1; Lisbon, 1; Meriden (city), 1; New Haven, 7; New Milford, 1; Norwich, 1; Plainfield, 1; Roxbury, 1; South Norwalk (city), 1; Stamford (city), 1; Sterling, 1; Waterbury, 9; Willimantic (city), 1.—Total, 31 in 17 towns.

Consumption.—Bridgeport, 7; Hartford, 9; Madison, 1; Naugatuck, 1; Norwalk, 1; Rocky Hill, 2; Seymour, 1; Southington, 1; Stamford (city), 3; Wethersfield, 1; Windham, 2.—Total, 29 in 11 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Barkhamsted, Beacon Falls, Berlin, Bethlehem, Bloomfield, Bolton, Bozrah, Brookfield, Brooklyn, Burlington, Canton, Chester, Clinton, Colchester (town and borough), Colebrook, Cornwall, Coventry, Cromwell, Danielson (borough), East Granby, East Haddam, East Lyme, Easton, East Windsor, Enfield, Farmington, Franklin, Goshen, Griswold, Haddam, Hartland, Hebron, Huntington, Jewett City (borough), Kent, Killingly, Ledyard, Litchfield (town and borough), Lyme, Marlborough, Middlebury, Monroe, Montville, Morris, New Britain, New Fairfield, New Hartford, North Branford, North Stonington, Old Lyme, Preston, Salem, Scotland, Sharon, Sherman, Somers, South Windsor, Sprague, Stafford Springs (borough), Stonington (borough), Tolland, Trumbull, Voluntown, Warren, Westbrook, Willington, Winchester, Windsor, Windsor Locks, Wolcott, Woodbridge, Woodstock.—Total, 72 towns.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

La Grippe.—Berlin, 3; Chatham, 2; Columbia, 1; Coventry, 1; East Haven, 1; East Windsor, 1; Ellington, 4; Fairfield, 1; Farmington, 2; Glastonbury, 2; Griswold, 1; Guilford, 1; Hamden, 1; Hebron, 1; Killingworth, 1; Madison, 1; New Hartford, 1; North Canaan, 1; North Haven, 1; North Stonington, 2; Plainfield, 1; Plymouth, 1; Pomfret, 1; Redding, 1; Ridgefield, 1; South Windsor, 2; Sterling, 1; Suffield, 1; Washington, 1; West Hartford, 2.—Total, 41.

Diphtheria and Croup.—Stafford, 1; Wilton, 1.—Total, 2.

Whooping Cough.—Chatham, 1.

Typhoid Fever.—Chatham, 1.

Consumption.—Beacon Falls, 1; Berlin, 2; Bloomfield, 1; Brooklyn, 2; Chester, 1; East Lyme, 1; East Windsor, 1; Ellington, 1; Haddam, 1; Lebanon, 1; Litchfield, 1; Middlebury, 1; Milford, 2; North Stonington, 1; Plainville, 1; Preston, 1; Rocky Hill, 2; Roxbury, 1; Seymour, 3; South Windsor, 2; Sprague, 1; Stafford, 1; Stratford, 1; Westport, 1; Wethersfield, 1; Windsor, 1; Windsor Locks, 1.—Total, 34.

All the Health Officers of Hartford, Windham, Litchfield and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

New Haven Co.—Orange.

New London Co.—Groton, Stonington.

Fairfield Co.—Danbury (city and town).

Middlesex Co.—Middletown, Middlefield.

MEASLES.

During the last twelve months 8,190 cases of measles were reported to the local health officers of the State.

The State Board of Health is informed that in the practice of reporting there is great diversity in different towns. That it is so much neglected in some, and especially the larger towns and cities, that it is a conservative estimate to say that not over two-thirds of all the cases have been reported, and that during the past year the full number would average over 1,000 cases a month in the State. To illustrate, in the month of September, 1903, only one case was reported to the health officer in New Haven, and yet five deaths from measles were registered the same month.

A sanitary regulation is in force in every town, including New Haven and most other cities, requiring doctors or householders to report every case of measles.

The chief purpose of reporting is that the health officer may take steps necessary to restrict and control its prevalence. To that end, in all the towns in the State and in some of the cities, the health officer is required to placard the houses and to establish quarantine until the number of cases become so great that quarantine is impracticable. This could only happen where the primary cases have not been reported, or the health officer has been negligent of his duty.

The ability to control measles by active and prompt precautions has been demonstrated 259 times during the last twelve months. In 259 separate instances outbreaks of measles in different towns have been promptly reported, due precautions taken, and the disease limited in that month to one family and in the majority of instances to a single case. These facts prove the efficacy of isolation and disinfection. The towns which neglect these means of prevention are a menace to all adjoining towns.

It is the opinion of the Board that the notification of disease depends greatly upon what action the health officer takes.

In the city of New Haven the Board of Health does not require the health officer to placard a house containing measles, to quarantine the patient or disinfect the premises. Consequently, as the doctors find no notice is taken of report of cases, they are partially excusable for feeling that it is a useless trouble. Information from some other places shows the same neglect. It is a serious condition. Measles can be very largely controlled. The 210 deaths from the disease in the last twelve months were largely an unnecessary sacrifice of human life.

It much exceeded the loss from scarlet fever, or from typhoid.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and Superintendent of Vital Statistics.

New Haven, April 15, 1904.

*Three delayed certificates have been returned for February since the publication of the last Bulletin.

METEOROLOGICAL REPORT FOR THE MONTH OF MARCH, 1904.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date	Barometer.†		Temperature.‡						Relative Humidity.‖		Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.15	30.29	32	33	32	35	28	7	89	90	N E	12	N	8	277	27	.37	Light Rain	Cloudy	Cloudy
2	30.36	30.22	33	33	32	35	29	6	75	88	N E	4	S	6	142	11	.0	Cloudy	Cloudy	Cloudy
3	29.78	29.68	40	40	34	45	24	21	100	68	S E	4	W	24	321	40	.29	Light Rain	Cloudy	Cloudy
4	30.32	30.63	18	18	19	24	14	10	58	52	N W	19	N	10	363	33	.0	Clear	Clear	Clear
5	30.94	30.88	11	24	19	27	11	16	58	80	S W	14	S E	10	238	17	.0	Clear	Clear	Clear
6	30.74	30.50	30	36	31	27	25	12	79	91	E	11	E	6	207	15	.05	Cloudy	Cloudy	Cloudy
7	30.19	29.70	42	44	42	48	37	11	73	100	N E	8	S E	22	398	34	.86	Cloudy	Misting	Cloudy
8	29.61	29.69	44	41	44	49	38	11	96	70	N W	3	W	3	157	16	.41	Cloudy	Clear	Cloudy
9	29.77	29.90	36	28	30	38	22	16	68	76	W	18	N W	16	397	33	.0	Clear	Clear	Clear
10	30.10	30.06	20	33	28	37	20	16	55	49	N W	12	N	5	277	26	.0	Clear	Cloudy	Clear
11	29.86	29.59	31	28	30	34	25	9	78	83	N E	5	N	16	287	27	0.18	Cloudy	Sleeting	Cloudy
12	29.75	29.71	22	32	28	35	20	15	51	64	N W	15	N W	8	305	26	.08	Clear	Clear	Clear
13	29.87	29.98	26	31	30	38	23	15	63	63	W	12	N	5	301	30	.0	Clear	Clear	Clear
14	30.08	29.94	25	28	27	33	21	12	68	88	N E	4	N E	5	151	14	.08	Clear	Light Snow	Cloudy
15	29.78	29.81	29	33	30	36	25	11	83	88	N	11	W	6	186	17	.12	Light Snow	Cloudy	Cloudy
16	29.98	30.22	32	27	29	37	21	16	79	76	W	8	N W	12	359	36	.0	Partly Cl'dy	Clear	Partly Cl'dy
17	30.46	30.32	20	34	29	39	19	20	70	52	W	9	S W	3	195	17	.0	Clear	Clear	Clear
18	29.99	29.84	31	38	34	39	30	19	89	75	S E	7	W	6	172	17	.38	Light Snow	Partly Cl'dy	Cloudy
19	30.01	29.88	36	38	40	48	31	17	60	83	W	5	S	7	195	22	.0	Clear	Cloudy	Clear
20	29.88	30.21	46	36	40	49	31	18	53	64	W	24	N W	10	308	27	T	Clear	Clear	Clear
21	30.45	30.46	30	40	38	47	28	19	62	52	N E	8	S E	6	183	20	.0	Clear	Cloudy	Partly Cl'dy
22	30.35	29.98	35	43	38	43	34	9	95	100	E	9	S E	2	164	17	.12	Light Rain	Misting	Cloudy
23	29.98	30.33	43	48	46	55	36	19	88	32	N W	4	N W	8	200	21	.09	Cloudy	Partly Clear	Partly Cl'dy
24	30.56	30.59	43	42	48	58	37	21	68	51	E	6	S	6	184	16	.0	Cloudy	Clear	Clear
25	30.43	30.11	44	52	46	57	35	22	85	100	S E	4	S	14	235	24	T	Cloudy	Foggy	Cloudy
26	29.73	29.91	50	48	50	66	35	31	93	62	S W	22	N W	18	406	33	T	Clear	Cloudy	Cloudy
27	30.14	30.06	34	33	35	41	29	12	47	65	N	12	N	9	227	17	T	Cloudy	Partly Cl'dy	Cloudy
28	30.20	30.14	30	34	32	39	26	13	59	56	N E	6	N W	6	168	14	.0	Clear	Clear	Partly Cl'dy
29	30.32	30.38	27	37	34	44	24	20	53	43	N	8	S W	5	174	15	.0	Clear	Clear	Clear
30	30.46	30.35	37	38	37	46	28	18	69	75	S E	2	S E	8	158	20	.0	Clear	Clear	Clear
31	30.32	30.29	34	37	36	40	31	19	86	91	N E	6	N E	10	201	19	.25	Light Snow	Light Rain	Cloudy
Month Ave's.	30.15	30.12	33	36	34	42	27	15	73	71	N E	9	N W	9	243	40	3.28			

SUMMARY.

Barometer.

Monthly Mean, 30.13 inches.

Highest, 30.94 in.; Date, 5.

Lowest, 29.59 in.; Date, 11.

Monthly range, 1.35 inches.

Temperature.

Monthly Mean, 34 degrees.
Highest, 66 degrees; Date, 26.
Lowest, 11 degrees; Date, 5.
Absolute range, 55 degrees.
Greatest daily range, 31 degrees; Date, 26.
Least daily range, 6 deg.; Date, 2.
Mean daily range, 15 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 3.79 degrees.

Wind.

Prevailing direction, N W.
Mean hourly velocity, 10 miles.
Max. velocity and direction, 35 N W; Date, 16.
Total monthly movement, 7,536 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 17.
*Greatest 24 hour precipitation, (in. and 100ths), 1.27; Date, 7.18.
Total monthly precipitation, (in. and 100ths), 3.28 in.
Total depth of snowfall (in.), 7.3
Dates of thunder storms, none.
Accumulated deficiency of precipitation since Jan. 1st, 4.20 inches.

Compar. Temp. (Mon. Mean.)

1873---33 deg.	1889---39 deg.	1873---4.01	1889---1.44
1874---35 "	1890---34 "	1874---1.34	1890---6.60
1875---31 "	1891---35 "	1875---3.24	1891---3.68
1876---35 "	1892---33 "	1876--10.15	1892---3.07
1877---37 "	1893---34 "	1877---8.09	1893---4.50
1878---43 "	1894---41 "	1878---4.18	1894---1.15
1879---36 "	1895---34 "	1879---5.82	1895---2.36
1880---36 "	1896---31 "	1880---5.68	1896---5.61
1881---37 "	1897---38 "	1881--10.42	1897---3.66
1882 --37 "	1898---42 "	1882---3.59	1898---2.54
1883---30 "	1899---34 "	1883---1.64	1899---7.28
1884---34 "	1900---33 "	1884---4.15	1900---4.21
1885---27 "	1901---36 "	1885---1.19	1901---5.80
1886---35 "	1902---42 "	1886---3.20	1902---4.63
1887---31 "	1903---45 "	1887-- 4.22	1903---5.09
1888---30 "	1904---34 "	1888---7.46	1904---3.28

Com. Rainfall. (Inches and 100ths.)

Monthly mean humidity, 72 per cent. Monthly mean dew point, 26. Number of clear days, 12. Number of fair days, 4. Number of cloudy days, 15.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XVIII. No. 4.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF APRIL, 1904

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of April, 1904, and a Statement of the Births and Marriages for the Month of March, 1904.

Total estimated population of the State is 956,748.

TOWNS.	Estimated Population.	Living Births in Mar.	Still Births in Mar.	Marriages in Mar.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,383	40	2	5	15	13.4	4	1	33.3				1								1			3		2		2	6
Branford,	6,080	13		1	9	17.7	1	2	33.3														1	5					3
Bridgeport,	77,635	185	10	24	112	17.0	22	11	29.4		2	2	2	3	2		1						15	20	2	7	7	6	43
Bristol,	10,321	23	1	4	12	13.9	2	1	25.0				2										1	3			1	1	4
Danbury,	19,475	29		6	16	9.8	1	1	12.5				1			1						1	1	2	1	3		1	5
Derby,	8,518	18	1	1	12	16.9	2		16.6																1	1	1		9
East Hartford,	6,991	13		1	12	20.5	1	2	25.0				2	5			1							2					2
Enfield,	6,549	13	1	2	10	18.3	1	1	20.0										1				2	1		2	2		2
Greenwich,	12,784	23		6	22	20.6	6		27.2		1					1							2	5	1	2	2	1	7
Groton,	6,089	10		3	7	13.7		2	28.5		2															1	1		3
Hartford,	87,836	146	8	34	148	18.3	22	7	19.5			1	6	20	2	1	1	1			1	1	13	20	1	13	10	3	54
Huntington,	6,042	8		1	3	5.9	1		33.3																	1	1		1
Killingly,	6,777	9	3	2	12	21.2	3	1	33.3				1										1	3	1	3	1		2
Manchester,	11,315	13	1	5	11	11.6		1	9.0														1	1		2			7
Meriden,	29,677	71	2	3	33	12.9	6	1	21.2				3								1		4	4	1	2	2	3	13
Middletown,	18,170	14		6	29	9.2	1		3.4				1									1	2	7		6	5		7
Naugatuck,	11,838	25			15	15.2	3		20.0														6			1	2		6
New Britain,	30,960	91	3	5	38	14.7	8	5	34.2				5	1	1							1	3	4		5	4		14
New Haven,	114,622	280	13	42	180	18.1	23	19	23.3		3		5	5	2	3		2	1				22	23	5	14	13	14	68
New London,	18,685	42	2	7	35	22.4	3	3	17.1			1	4									1	1	4		2	2	5	15
New Milford,	5,070	12	2		6	14.2		1	16.6									1						1		1	2		1
Norwalk,	20,587	32	6	3	19	11.0	3		15.7							1							2		1	4	1	1	9
Norwich,	25,113	49	2	5	46	21.5	7	2	19.5				2	1	1								5	6	1	5	6		19
Orange,	7,732	6	1	2	10	15.5		2	20.0											1				2		4			3
Putnam,	7,599	10	1	3	9	14.2	3		33.3				1									1	1	2				1	3
Southington,	6,007	10		1	8	15.9							2					1						1		1			3
Stamford,	19,781	39	2	5	36	21.8	10		27.7		2		1		1								4	9	1	7		1	10
Stonington,	8,947	20	1	2	9	12.0	1		11.1									1					2	1			2		3
Thompson,	6,701	20	1		7	12 5	2		28.5				1										2	1		1	1		1
Torrington,	14,374	26		7	19	15.8	1	2	15.7			2						1					3	3		3	1		6
Vernon,	8,386	13	4	4	7	10.0							3													1	1		2
Wallingford,	9,726	27	1		9	11.1	1	1	22.2				2		1							1	2				1		1
Waterbury,	56,520	139	8	20	67	14.0	17	8	37.3			3	2		6	1	1		1			7	8	1	7	6	3	21
Winchester,	8,237	13	1	2	9	13.1	1		11.1				1									1		1		1			5
Windham,	10,168	25		1	18	21.2	3		16.6				1				1					2		2	4		1	7
Total of the 35 above towns,	718,795	1507	77	213	1010	16.8	159	74	23.0		10	9	49	35	16	8	5	7	5		4	5	105	143	20	105	76	43	365
133 towns of less than 5,000 inhabitants,	237,953	353	15	62	365	18.4	52	12	17.5		2	4	36	5	2	3		3			2	2	15	46	10	47	33	17	138
Total reported from 168 towns,	956,748	1860	92	275	1375	17.2	211	86	21.6		12	13	85	40	18	11	5	10	5		6	7	120	189	30	152	109	60	503

The Mortality in Public Institutions of the State was: in Bridgeport, 9; in Danbury, 1; in Hartford, 41; in Meriden, 1; in Middletown, 17; in New Britain, 2; in New Haven, 40; in New London, 7; in Norwich, 7; in Stamford, 6; and in Waterbury, 2. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in April: Bozrah, Bridgewater, Brookfield, Brooklyn, Canterbury, Chaplin, Goshen, Lisbon, Marlborough, North Canaan, Prospect, Ridgefield, Salem, Voluntown, Washington, Weston, Woodbury—17.

REMARKS.

By Mortality Reports received there were 1,375 deaths during the month of April. This was 150 less than in March and 130 more than in April of last year, and 68 more than the average number of deaths in April for the five years preceding.

	1904	1903	1902	1901	1900	1899
January,	1439	1420	1172	1439	1367	1565
February,	1387	1303	1124	1381	1261	1192
March,	*1525	1421	1239	1441	1691	1221
Total 1st quarter,	4348	4144	3535	4261	4319	3978
April,	1375	1245	1191	1253	1678	1169

The death-rate was 16.8 for the large towns, for the small towns 18.4, and for the whole State 17.2.

The deaths reported from infectious diseases, including diarrhœal, were 332, being 24.0 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—Ansonia, 1; Ashford, 10; Berlin, 2; Bethel, 1; Branford, 1; Bridgeport, 10; Brookfield, 6; Chaplin, 1; Cheshire, 2; Chester, 2; Clinton, 2; Coventry, 1; Darien, 30; Durham, 51; East Haddam, 1; East Hartford, 3; East Haven, 30; Ellington, 2; Enfield, 2; Essex, 2; Greenwich, 26; Groton (borough), 4; Guilford, 7; Hamden, 2; Hartford, 33; Harwinton, 2; Hebron, 1; Killingworth, 1; Lebanon, 14; Ledyard, 2; Litchfield, 1; Manchester, 168; Mansfield, 2; Meriden (city), 5; Middletown (city), 1; Middletown (town), 1; New Britain (city), 3; New Haven, 88; New London, 3; Newtown, 2; Norfolk, 1; North Branford, 1; North Haven, 20; North Stonington, 4+; Norwalk (city), 35; Norwalk (town), 40; Plymouth, 9; Preston, 2; Putnam, 1; Redding, 3; Roxbury, 1; Saybrook, 1; Southington, 5; South Norwalk (city), 3; Stamford (city), 110; Stamford (town), 2; Suffield, 1; Thomaston, 4; Torrington, 1; Waterbury (city), 12; Watertown, 2; West Haven (borough), 4; Weston, 1; Westport, 4; Willimantic (city), 22; Wilton, 3; Windham, 31; Woodbury, 1.—Total, 840+ in 68 towns.

Scarlet Fever.—Ansonia, 2; Ashford, 3; Bethel, 1; Branford (town and borough), 5; Bridgeport, 53; Eastford, 4; East Haddam, 6; East Hartford, 1; Easton, 1; Fairfield, 4; Glastonbury, 2; Granby, 1; Hamden, 1; Hartford, 12; Lebanon, 1; Manchester, 2; Mansfield, 1; Meriden (city), 16; Montville, 1; New Haven, 16; Newington, 1; New London, 3; Newtown, 2; Norwalk, 4; Norwich (city), 3; Old Saybrook, 2; Plainville, 1; Plymouth, 1; Redding, 3; Rockville (city), 1; Roxbury, 1; Salisbury, 1; Saybrook, 1; Seymour, 2; Shelton (borough), 2; Southington, 2; South Norwalk (city), 1; Stamford (city), 1; Stratford, 2; Suffield, 4; Thompson, 1; Torrington (town and borough), 5; Wallingford, 3; Waterbury (city), 15; West Hartford, 4; Westport, 4; Willimantic (city), 2; Wilton, 2; Windham, 2; Windsor, 2; Woodbridge, 1.—Total, 212 in 51 towns.

Cerebro Spinal Fever.—Ansonia, 1; Bloomfield, 1; Bridgeport, 2; East Hartford, 7; Fairfield, 1; Glastonbury, 2; Hartford, 43; Harwinton, 1; Meriden (city), 1; New Britain, 1; New Milford, 1; Norwich (city), 1; Rockville (city), 1; Suffield, 1; Windsor, 1.—Total, 65 in 15 towns.

Diphtheria and Croup.—Bridgeport, 13; Cheshire, 3; Danielson (borough), 1; Darien, 2; Derby, 1; Fairfield, 1; Hartford, 4; Manchester, 1; Middletown (city), 1; New Britain (city), 2; New Haven, 9; New Milford, 2; Norwalk (city), 3; Norwich (city), 3; Rockville (city), 2; Redding, 2; South Norwalk (city), 1; Stafford, 1; Stamford (city), 4; Thomaston, 1; Torrington, 1; Vernon, 1; Wallingford, 3; Waterbury (city), 10; West Hartford, 1; Windsor Locks, 5.—Total, 78 in 26 towns.

Whooping Cough.—Branford, 1; Chaplin, 1; Eastford, 7; Hartford, 6; North Branford, 1; Suffield, 1; Windham, 2.—Total, 19 in 7 towns.

Typhoid Fever.—Canton, 2; Chatham, 1; Danielson (borough), 1; Groton (borough), 1; Hartford, 1; New Haven, 7; New Milford, 1; Plymouth, 1; Southington, 1; South Norwalk (city), 2; Waterbury (city), 2.—Total, 20 in 11 towns.

Consumption.—Bridgeport, 7; Chester, 1; Cornwall, 1; Hartford, 1; Kent, 1; Madison, 1; Montville, 1; Shelton (borough), 1; Southbury, 1; South Norwalk (city), 1; Waterbury (city), 6.—Total, 22 in 11 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Barkhamsted, Bethany, Bethlehem, Bolton, Bozrah, Bridgewater, Brooklyn, Burlington, Colchester (town and borough), Colebrook, Columbia, Cromwell, East Granby, East Lyme, East Windsor, Franklin, Goshen, Griswold, Haddam, Hampton, Hartland, Huntington, Jewett City (borough), Killingly, Lisbon, Lyme, Marlborough, Meriden, Middlebury, Monroe, Morris, New Fairfield, New Hartford, North Canaan, Old Lyme, Pomfret, Portland, Prospect, Rocky Hill, Salem, Scotland, Sherman, Somers, Sprague, Sterling, Stonington (borough), Trumbull, Union, Warren, Waterford, Westbrook, Willington, Winsted (borough), Wolcott, Woodstock.—Total, 56 towns.

*Eight delayed certificates have been returned for March since the publication of the last Bulletin.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Durham, 1; North Haven, 1.—Total, 2.

Scarlet Fever.—Ashford, 1; Fairfield, 1; Saybrook, 1; Westport, 1.—Total, 4.

La Grippe.—Andover, 1; Barkhamsted, 1; Berlin, 1; Chatham, 1; Cheshire, 1; Colchester, 1; Columbia, 1; Cornwall, 1; Coventry, 1; East Haddam, 1; East Windsor, 2; Ellington, 1; Griswold, 1; Hamden, 1; Hebron, 1; Lebanon, 1; Milford, 1; New Fairfield, 1; Newtown, 1; North Stonington, 1; Old Saybrook, 1; Plainfield, 1; Plymouth, 1; Portland, 1; Salisbury, 1; Saybrook, 1; Scotland, 1; Seymour, 1; Sprague, 1; Tolland, 1; Waterford, 1; Westport, 1; Wilton, 1; Windsor, 1; Windsor Locks, 1.—Total, 36.

Cerebro Spinal Fever.—Fairfield, 1; Glastonbury, 2; Suffield, 1; Windsor, 1.—Total, 5.

Diphtheria and Croup.—Essex, 1; Fairfield, 1.—Total, 2.

Whooping Cough.—Cheshire, 1; Eastford, 1; Glastonbury, 1.—Total, 3.

Typhoid Fever.—Haddam, 1; North Haven, 1; Roxbury, 1.—Total, 3.

Consumption.—Avon, 2; Barkhamsted, 1; Clinton, 1; East Haven, 1; Fairfield, 1; Griswold, 1; Madison, 1; Monroe, 1; Plymouth, 1; Salisbury, 1; Scotland, 1; Stafford, 1; Windsor Locks, 1; Woodstock, 1.—Total, 15.

The Health Officers of the following towns have not reported:

Hartford Co.—Avon, Bristol, Farmington, Simsbury, South Windsor, Wethersfield.

New Haven Co.—Beacon Falls, Milford, Naugatuck, Orange, Oxford.

New London Co.—Groton, Norwich, Stonington, Voluntown.

Fairfield Co.—Danbury (town and city), New Canaan (town and borough), Ridgefield (town and borough).

Windham Co.—Canterbury, Plainfield.

Litchfield Co.—Canaan, Sharon, Washington, Winchester.

Middlesex Co.—Middlefield.

Tolland Co.—Tolland, Stafford Springs (borough).

EPIDEMIC CEREBRO-SPINAL MENINGITIS. SPOTTED FEVER.

Very fatal epidemics have occurred from time to time in many places both in this country and in Europe. Its presence in a sporadic form (as it is reported by physicians) has been almost continuous in Connecticut for many years. During the decade ending with December, 1903, 573 deaths were attributed to it, an average of 57 per year.

This disease has many symptoms in common with other affections of the brain and spinal cord. Consequently the diagnosis is often obscure and may be erroneous. It is quite certain that many of the cases reported were errors of diagnosis. Over 27 per cent. were of babies under a year old. Yet all authorities agree that it is a disease of childhood and early manhood and rarely attacks an infant in its first year. But other forms of infantile disease, with some of the symptoms of meningitis, are very common. Hence, it is a fair inference that a large portion of the 27 per cent. were examples of other brain disorders.

In the first three months of the present year only six cases were reported. But during the month of April the disease assumed suddenly an epidemic character. Forty-three cases were reported in Hartford, with 20 deaths during the month.

Reports of its presence have been received since April 1st from other towns, to wit, Ansonia, 1; Bridgeport, 2; Bristol, 1; East Hartford, 7; Fairfield, 1; Farmington, 1; Glastonbury, 2; Harwinton, 1; Hartford, 43; Meriden, 1; New Britain, 1; New Haven, 5 deaths (cases not reported); New London, 1; New Milford, 1; Norwich, 1; Rockville, 1; Southington, 5; Suffield, 1.—Total 76.

A peculiar characteristic of its epidemic appearance is its tendency to develop in a community in a number of individuals at the same time; persons who have no social or other relations with each other and respecting whom there is no traceable exposure to a common source of infection. This feature is conspicuous in the present outbreak in Hartford and elsewhere. In 1857 it appeared simultaneously in North Carolina and western New York. Instances of the same peculiarity are numerous.

The spotted fever is caused by a special germ. Other forms of meningitis are produced by other germs, as the tubercular meningitis and the meningitis from the germ that causes pneumonia. The portals through which the infection enters the system are not known, nor the processes of its elimination. But the seat of its activity being enclosed in bony cavities explains its non-contagious nature.

There may be secondary complications with discharges, as from middle ear inflammations, which may contain the infection, but the evidence is that it is not communicated from the sick to the well. Hence rigid restrictions as to quarantine, public funerals, etc., are not thought necessary.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and Superintendent of Vital Statistics.

New Haven, May 15, 1904.

METEOROLOGICAL REPORT FOR THE MONTH OF APRIL, 1904.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and tooths.	8 A. M.	8 P. M.	
1	30.14	29.84	40	40	40	44	36	8	100	94	E	24	N	4	227	27	1.68	Light Rain	Cloudy	Cloudy
2	29.78	29.80	43	44	44	53	34	19	85	78	W	7	W	14	319	34	T	Clear	Clear	Partly Cl'dy
3	29.91	30.12	35	33	35	41	29	12	51	75	N W	16	N W	15	427	30	.0	Clear	Clear	Clear
4	30.37	30.25	30	46	38	51	25	26	65	35	N W	10	N W	8	251	22	.0	Clear	Clear	Clear
5	30.25	30.16	44	54	49	62	36	26	60	27	N	3	N	12	194	20	.0	Clear	Clear	Clear
6	30.18	30.08	48	48	48	58	38	20	63	54	N E	6	S E	8	166	11	.0	Clear	Partly Cl'dy	Clear
7	29.98	30.08	43	51	50	56	43	13	92	80	S	5	S E	2	134	12	.10	Light Rain	Partly Cl'dy	Partly Cl'dy
8	30.19	30.06	49	50	50	59	41	18	64	90	N E	7	E	14	238	20	.01	Clear	Light Rain	Partly Cl'dy
9	29.90	29.65	46	50	48	51	46	5	93	100	N E	20	S E	6	265	26	.89	Misting	Cloudy	Cloudy
10	29.61	29.66	50	52	52	60	43	17	75	78	W	6	S W	7	212	30	.74	Clear	Cloudy	Clear
11	29.67	29.86	44	48	48	54	43	11	89	73	N W	4	S W	6	211	26	.03	Cloudy	Clear	Partly Cl'dy
12	29.20	29.77	45	49	50	57	42	15	100	48	S E	18	W	12	306	30	.35	Light Rain	Clear	Cloudy
13	29.88	29.94	36	37	39	46	32	14	60	61	W	14	N E	9	277	22	.0	Clear	Clear	Clear
14	29.99	30.06	31	38	36	43	28	15	80	35	N W	12	S W	4	160	25	T	Light Snow	Clear	Partly Cl'dy
15	30.14	29.98	39	43	39	48	30	18	59	58	S W	2	S E	7	186	17	.0	Clear	Cloudy	Clear
16	29.58	30.08	38	34	38	45	31	14	62	66	N	3	N W	8	349	46	.45	Partly Cl'dy	Clear	Clear
17	30.26	30.16	32	39	37	48	26	22	46	31	W	8	S W	7	241	24	.0	Clear	Clear	Clear
18	30.09	29.89	40	44	44	52	36	16	80	74	S	7	S E	5	163	14	.0	Cloudy	Clear	Partly Cl'dy
19	29.81	29.86	47	36	40	52	28	24	66	43	S	3	N W	15	208	25	.02	Clear	Cloudy	Cloudy
20	29.74	29.80	26	36	31	38	24	14	56	68	W	14	N W	12	346	30	T	Clear	Clear	Partly Cl'dy
21	30.06	30.24	41	47	45	55	35	20	73	34	N	18	N W	15	355	30	T	Partly Cl'dy	Clear	Clear
22	30.45	30.48	44	46	44	55	34	21	63	45	N E	14	S W	9	216	20	.0	Clear	Clear	Clear
23	30.52	30.41	43	44	44	54	33	21	52	71	S E	4	S	9	160	17	.0	Clear	Partly Cl'dy	Clear
24	30.33	30.07	43	47	46	55	37	18	76	82	S	8	S	10	193	21	.0	Clear	Cloudy	Clear
25	29.79	29.67	49	63	58	72	45	27	83	55	S	6	N	17	203	20	.02	Partly Cl'dy	Clear	Partly Cl'dy
26	29.82	30.01	48	50	54	62	46	16	73	72	N	14	S E	10	231	17	T	Cloudy	Light Rain	Partly Cl'dy
27	30.04	30.04	44	44	44	46	42	11	91	96	N E	20	N E	20	464	40	.23	Light Rain	Misting	Cloudy
28	29.96	29.87	43	49	46	50	41	9	90	95	N E	24	N E	12	544	41	.94	Cloudy	Misting	Cloudy
29	29.81	29.71	48	53	52	58	46	12	96	85	N E	17	N E	9	295	24	.18	Light Rain	Cloudy	Cloudy
30	29.71	29.73	54	60	59	66	52	14	86	70	S	7	W	6	174	26	T	Cloudy	Clear	Partly Cl'dy
Month Ave's.	29.99	29.98	42	46	45	53	37	16	74	66	N E	11	N W	10	257	40	6.64			

SUMMARY.

BAROMETER.

Monthly Mean, 29.98 inches.

Highest, 30.52 in.; Date, 23.

Lowest, 29.58 in.; Date, 16.

Monthly range, .94 inches.

TEMPERATURE.

Monthly Mean, 45 degrees.
Highest, 72 degrees; Date, 25.
Lowest, 24 degrees; Date, 20.
Absolute range, 48 degrees.
Greatest daily range, 27 degrees; Date, 25.
Least daily range, 4 deg.; Date, 27.
Mean daily range, 16 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 4.13 degrees.

WIND.

Prevailing direction, N W.
Mean hourly velocity, 11 miles.
Max. velocity and direction, 40 N W; Date, 16.
Total monthly movement, 7,715 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 19.
*Greatest 24 hour precipitation, (in. and tooths), 1.68; Date, 1.
Total monthly precipitation, (in. and tooths), 6.64 in.
Total depth of snowfall (in.), T.
Dates of thunder storms, 9.
Accumulated deficiency of precipitation since Jan. 1st, 1.06 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---44 deg.		1889---49 deg.	
1874---39	"	1890---47	"
1875---42	"	1891---49	"
1876---46	"	1892---47	"
1877---48	"	1893---45	"
1878---52	"	1894---47	"
1879---45	"	1895---46	"
1880---48	"	1896---48	"
1881---44	"	1897---48	"
1882---44	"	1898---45	"
1883---44	"	1899---47	"
1884---46	"	1900---48	"
1885---46	"	1901---48	"
1886---49	"	1902---48	"
1887---45	"	1903---49	"
1888---43	"	1904---45	"

COM. RAINFALL. (Inches and tooths.)

1873---4.95	1889---4.01
1874---7.89	1890---2.89
1875---3.28	1891---3.35
1876---7.65	1892---1.31
1877---3.44	1893---3.84
1878---5.08	1894---2.24
1879---6.08	1895---3.11
1880---3.69	1896---1.19
1881---1.71	1897---2.44
1882---1.55	1898---4.43
1883---2.23	1899---1.79
1884---2.36	1900---1.95
1885---2.31	1901---9.03
1886---3.21	1902---3.40
1887---2.75	1903---2.61
1888---2.57	1904---6.64

Monthly mean humidity, 70 per cent. Monthly mean dew point, 34. Number of clear days, 13. Number of fair days, 10. Number of cloudy days, 7.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XVIII. No. 5.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MAY, 1904

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of May, 1904, and a Statement of the Births and Marriages for the Month of April, 1904.

Total estimated population of the State is 956,748.

TOWNS.	Estimated Population.	Living Births in Apr.	Still Births in Apr.	Marriages in Apr.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,383	26	3	16	12	10.7	2	---	16.6	---	---	---	---	1	---	---	---	---	---	---	---	---	2	---	1	3	---	1	4
Branford,	6,080	8	1	2	6	11.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	---	1	1	2	---
Bridgeport,	77,635	147	15	54	103	15.4	11	11	21.3	---	---	5	1	1	4	---	---	2	---	---	1	1	17	12	1	14	8	9	27
Bristol,	10,321	23	1	7	14	16.2	4	---	28.5	---	---	---	---	3	1	---	---	1	---	---	1	---	1	2	---	1	---	---	4
Danbury,	19,475	23	1	17	29	17.8	7	1	27.5	---	---	---	---	---	---	---	---	---	---	---	---	---	4	3	---	3	6	1	12
Derby,	8,518	11	1	6	13	18.3	8	---	61.5	---	---	---	---	1	---	---	---	---	---	---	---	---	2	2	---	---	1	1	6
East Hartford,	6,991	10	1	3	18	30.8	1	4	27.7	---	---	---	---	7	---	---	---	---	---	---	---	---	1	---	---	3	2	---	5
Enfield,	6,549	17	2	5	5	9.1	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	2	1	---	1
Greenwich,	12,784	17	1	7	20	18.7	1	3	20.0	---	---	---	1	---	---	---	---	---	---	---	1	1	---	1	2	---	3	---	8
Groton,	6,089	20	---	3	7	13.7	1	1	28.5	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	---	4
Hartford,	87,836	174	11	81	153	18.9	16	14	19.6	---	---	---	4	32	2	1	1	---	---	---	4	1	17	13	1	9	11	11	46
Huntington,	6,042	12	1	2	5	9.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	2	---	2
Killingly,	6,777	7	---	8	6	10.6	2	---	33.3	---	---	---	1	---	---	---	---	---	---	---	---	---	1	---	---	1	1	---	2
Manchester,	11,315	15	1	12	10	10.6	3	---	30.0	---	---	---	---	1	---	---	---	---	---	---	---	---	2	1	---	1	2	---	4
Meriden,	29,677	44	3	18	32	12.9	3	2	15.6	---	---	---	2	1	---	---	---	---	2	---	---	---	5	3	---	3	3	---	13
Middletown,	18,170	22	2	11	45	16.5	4	---	8.8	---	---	---	---	1	---	---	1	1	---	---	1	---	6	9	1	11	4	1	9
Naugatuck,	11,838	30	1	8	12	12.1	3	---	25 0	---	---	---	---	---	---	---	---	---	---	---	---	---	2	1	---	1	---	---	8
New Britain,	30,960	70	2	17	43	15.8	6	4	23.2	---	---	1	1	3	---	---	---	2	---	---	---	1	2	3	---	6	5	2	17
New Haven,	114,622	240	9	107	157	15.5	33	10	27.3	---	3	---	4	6	1	1	---	2	---	---	1	---	10	22	3	17	19	12	56
New London,	18,685	47	2	22	39	25.0	3	3	15.3	---	---	---	1	2	---	---	---	---	---	---	---	---	6	1	---	6	2	5	16
New Milford,	5,070	13	---	7	6	14.2	3	---	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	1	2	---	---	---	---	3
Norwalk,	20,587	26	5	18	24	13.4	2	---	8.3	---	---	---	1	---	---	---	---	1	---	---	---	---	2	1	---	2	3	1	13
Norwich,	25,113	49	4	27	34	15.7	2	1	8 8	---	---	---	1	1	---	---	---	---	---	---	1	---	3	4	---	4	5	3	12
Orange,	7,732	6	1	4	6	9.3	1	---	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	2	---	1
Putnam,	7,599	14	1	8	11	17.3	2	---	18.1	---	---	---	---	1	---	1	---	---	---	---	---	---	2	1	---	1	2	1	2
Southington,	6,007	13	---	2	2	3.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	1
Stamford,	19,781	31	---	15	32	18.1	2	1	9 3	---	1	1	1	---	---	---	---	1	---	---	---	---	2	3	2	3	3	4	11
Stonington,	8,947	12	2	3	15	20.1	1	---	6.6	---	---	---	---	1	---	---	---	---	---	---	---	---	1	3	---	2	1	---	7
Thompson,	6,701	10	2	2	6	10.7	1	---	16.6	---	---	---	1	---	---	---	---	---	---	---	---	---	1	---	1	---	1	---	2
Torrington,	14,374	24	---	11	14	11.6	2	---	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	2	2	---	1	1	1	7
Vernon,	8,386	14	1	4	7	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	2	---	---	---	2	2
Wallingford,	9,726	14	3	6	15	18.5	1	1	13.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	1	2	10
Waterbury,	56,520	136	8	45	63	12.7	14	7	33.3	---	---	1	1	---	1	---	---	1	---	---	3	---	8	5	3	10	7	4	19
Winchester,	8,237	15	---	9	13	18.9	2	2	30.7	---	---	---	---	1	---	---	---	---	---	---	---	---	3	2	---	---	---	1	6
Windham,	10,168	20	2	9	13	15.3	5	---	38.4	---	1	---	---	---	---	---	---	---	---	---	1	---	3	---	---	---	1	---	7
Total of the 35 above towns,	718,795	1360	87	576	990	16.5	146	65	21.3	---	6	8	21	61	10	3	2	11	2	1	14	3	108	101	13	115	97	67	347
131 towns of less than 5,000 inhabitants,	233,736	385	23	130	316	16.2	28	20	15.1	---	---	1	11	10	5	1	---	3	---	2	---	3	36	29	10	44	19	20	122
Total reported from 166 towns,	952,531	1745	110	706	1306	16.4	174	85	19.8	---	6	9	32	71	15	4	2	14	2	3	14	6	144	130	23	159	116	87	469
Population of towns not reporting,	4,217																												

The Mortality in Public Institutions of the State was: in Bridgeport, 9; in Hartford, 52; in Meriden, 2; in Middletown, 23; in New Britain, 8; in New Haven, 36; in Norwalk, 3; in Norwich, 6; in Stamford, 6; and in Waterbury, 9. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in May: Barkhamsted, Beacon Falls, Bethlehem, Brooklyn, Chaplin, Columbia, Durham, Eastford, East Granby, Ellington, Goshen, Guilford, Hampton, Killingworth, Middlebury, New Fairfield, North Branford, Oxford, Salem, Southbury, Warren, Woodbury—22.

The Registrars of the following towns have made no report for May: Morris, Portland—2.

REMARKS.

By Mortality Reports received there were 1,306 deaths during the month of May. This was 70 less than in April and 41 more than in May of last year, and 181 more than the average number of deaths in May for the five years preceding.

	1904	1903	1902	1901	1900	1899
*January,	1440	1420	1172	1439	1367	1565
February,	1387	1303	1124	1381	1261	1192
March,	1525	1421	1239	1441	1691	1221
Total 1st quarter,	4352	4144	3535	4261	4319	3978
*April,	1376	1245	1191	1253	1678	1169
May,	1306	1265	1100	1056	1230	1025

The death-rate was 16.5 for the large towns, for the small towns 16.2, and for the whole State 16.4.

The deaths reported from infectious diseases, including diarrhœal, were 323, being 24.7 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Bristol, 1; Willimantic (city), 3.—Total, 4 in 2 towns.

Measles.—Ansonia, 2; Berlin, 5; Bethel, 1; Bridgeport, 20; Bristol, 26; Chaplin, 34; Chester, 12; Clinton, 2; Columbia, 2; Coventry, 2; Danbury (city), 41; Danbury (town), 3; Darien, 40; Derby, 1; Durham, 5; East Haddam, 2; East Hartford, 5; Essex, 4; Fairfield, 1; Glastonbury, 3; Greenwich, 10; Guilford, 1; Hampton, 1; Hartford, 25; Hebron, 3; Ledyard, 4; Manchester, 135; Mansfield, 4; Meriden (city), 2; Meriden (town), 2; Middletown (city), 1; Milford, 1; Montville, 7; Naugatuck (borough), 1; New Britain (city), 4; New Canaan (town and borough), 11; New Haven, 22; New London, 2; North Haven, 4; Norwalk (city), 20; Norwalk (town), 13; Norwich (city), 4; Plymouth, 4; Redding, 1; Ridgefield (town), 20; Ridgefield (borough), 11; Saybrook, 1; Seymour, 1; Simsbury, 2; Southington, 4; South Norwalk (city), 9+; South Windsor, 6; Stamford (city), 152; Stamford (town), 8; Stonington, 5; Thomaston, 4; Union, 4; Vernon, 3; Waterbury, 9; Watertown, 16; Westbrook, 1; Weston, 10; Westport, 24; Willimantic (city) 5; Wilton, 4.—Total, 755 + in 65 towns.

Scarlet Fever.—Ansonia, 6; Ashford, 6; Avon, 1; Berlin, 1; Bethel (town and borough), 2; Bridgeport, 64; Bristol, 1; Canton, 3; Chaplin, 3; Danbury (city), 2; Derby, 13; East Hartford, 1; East Haven, 1; Ellington, 1; Fairfield, 1; Glastonbury, 2; Greenwich, 1; Groton (borough), 1; Hamden, 2; Hartford, 9; Huntington, 1; Killingly, 1; Lisbon, 2; Meriden (city), 14; Meriden (town), 6; Middletown (city), 2; Naugatuck (borough), 5; New Britain (city), 5; New Canaan (town and borough), 4; New Haven, 13; New London, 2; Norwalk (city), 1; Norwalk (town), 2; Norwich (city), 8; Oxford, 1; Rockville (city), 1; Seymour, 2; Shelton (borough), 1; Southington, 2; South Windsor, 1; Stamford (city), 5; Stratford, 1; Suffield, 2; Thompson, 1; Torrington (town and borough), 2; Trumbull, 1; Wallingford, 4; Waterbury, 12; Weston, 1; Wilton, 4; Windham, 2.—Total, 230 in 51 towns.

Cerebro Spinal Fever.—Ansonia, 1; Berlin, 2; Bridgeport, 1; Bristol, 2; Canton, 2; Derby, 1; East Hartford, 5; East Windsor, 3; Glastonbury, 1; Greenwich, 1; Hartford, 43; New Britain (city), 5; Plainville, 1; Putnam, 1; South Windsor, 1; Windsor Locks, 1.—Total, 71 in 16 towns.

Diphtheria and Croup.—Ansonia, 4; Bridgeport, 12; Canterbury, 1; Darien, 1; Derby, 1; Essex, 1; Glastonbury, 1; Greenwich, 1; Hartford, 6; Killingly, 1; Manchester, 1; Middletown (city), 1; New Canaan (town and borough), 3; New Hartford, 6; New Haven, 12; Norwalk (city), 2; Redding, 3; Rockville (city), 1; Stamford (city), 3; Torrington, 1; Wallingford, 1; Waterbury, 11; Waterford, 1; West Hartford, 1; Windsor, 1; Windsor Locks, 1; Winsted (borough), 3; Woodstock, 1.—Total, 82 in 28 towns.

Whooping Cough.—Ansonia, 1; Branford (town and borough), 3; Eastford, 6; Hartford, 1; Litchfield (town and borough), 4; New Canaan (town and borough), 3; North Branford, 4; Ridgefield (borough), 8; Watertown, 2.—Total, 32 in 9 towns.

Typhoid Fever.—Bridgeport, 7; Brooklyn, 1; Fairfield, 1; Hartford, 1; Middletown (city), 1; New Canaan (town and borough), 1; New Haven, 3; Norwich (city), 1; Plainfield, 1; Portland, 1; Ridgefield, 1; South Norwalk (city), 2; Stamford (city), 1; Wilton, 1.—Total, 23 in 14 towns.

Consumption.—Bridgeport, 8; Fairfield, 1; Hartford, 2; Middletown (city), 2; Naugatuck (borough), 2; New Britain (city), 1; New Canaan (town and borough), 4; Norwalk, 1; Portland, 2; Rocky Hill, 1; Southington, 1.—Total, 25 in 11 towns.

* One delayed Certificate for January and one for April have been returned since the publication of the last Bulletin.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Barkhamsted, Beacon Falls, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Burlington, Canaan, Chatham, Cheshire, Colchester (town and borough), Colebrook, Cornwall, Cromwell, Danielson (borough), East Granby, East Lyme, Easton, Enfield, Farmington, Franklin, Goshen, Granby, Griswold, Haddam, Hartland, Harwinton, Jewett City (borough), Kent, Killingworth, Lebanon, Lyme, Madison, Marlborough, Middlebury, Middletown, Monroe, Morris, New Britain, New Fairfield, Newington, New Milford, Newtown, Norfolk, North Canaan, North Stonington, Norwich, Old Lyme, Old Saybrook, Orange, Pomfret, Prospect, Roxbury, Salem, Salisbury, Scotland, Sharon, Sherman, Somers, Southbury, Sprague, Stafford, Stafford Springs (borough), Sterling, Stonington (borough), Tolland, Voluntown, Warren, Washington, West Haven (borough), Wethersfield, Willington, Winchester, Wolcott, Woodbridge, Woodbury.—Total, 80 towns.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population.

Scarlet Fever.—New Canaan, 1.

La Grippe.—Burlington, 1; Chatham, 1; Coventry, 1; Franklin, 1; Lebanon, 1; Ledyard, 1; Litchfield, 1; Newtown, 1; Plymouth, 1; Salisbury, 1; Wilton, 1.—Total, 11.

Cerebro Spinal Fever.—Canton, 2; East Windsor, 2; Glastonbury, 1; Hamden, 1, Plainville, 1; Suffield, 1; Washington, 1; Windsor, 1.—Total, 10.

Diphtheria and Croup.—Darien, 1; Glastonbury, 1; New Hartford, 1; Redding, 1; Windsor Locks, 1.—Total, 5.

Whooping Cough.—Litchfield, 1.

Typhoid Fever.—Fairfield, 1; Plymouth, 1; Ridgefield, 1.—Total, 3.

Consumption.—Berlin, 1; Bethel, 1; Canterbury, 1; Canton, 1; Chester, 1; Cornwall, 1; Darien, 1; Fairfield, 1; Farmington, 1; Franklin, 1; Glastonbury, 1; Granby, 1; Haddam, 1; Ledyard, 1; Montville, New Hartford, 1; Plainfield, 1; Redding, 1; Rocky Hill, 1; Roxbury, 1; Salisbury, 1; Seymour, 2; Sharon, 1; Stafford, 1; Stratford, 1, Washington, 2; Watertown, 1; Wethersfield, 2; Wilton, 2; Windsor, 2; Windsor Locks, 1.—Total, 36.

All the Health Officers of Hartford, New Haven, Fairfield, Windham, Litchfield and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

New London Co.—Groton, Preston.
Middlesex Co.—Middlefield.

EPIDEMIC CEREBRO-SPINAL MENINGITIS.

This disease continues to prevail in epidemic character. Although not strictly local, its chief seat of activity is in and about Hartford. But many other towns in the State have reported sporadic cases.

During the month of April 65 cases were reported to the State Board of Health, of which 56 were in Hartford County and 43 in the City of Hartford. Of these 40 were fatal, during the month.

In the month of May 71 more cases were reported to the Board, 66 of which were in Hartford County and 43 in the city.

There have been reported in the two months of April and May, from 14 towns in Hartford County 122 cases, and 14 cases from scattered towns in the 7 other counties of the State.

This total of 136, however, does not represent all the cases, because the cases are not all reported. For instance, New Haven has suffered 11 deaths, but has made no report of cases. The City Board of Health of New Haven does not require it.

The percentage of deaths therefore cannot be accurately computed, except in towns where both cases and deaths are fully registered. Even then it is too soon to get a satisfactory result, as it is not known how many of those now sick may recover. There is evidence, however, that the death rate is high, probably between 60 and 70 per cent of all cases.

The epidemic is not confined to Connecticut, the city of New York is also suffering a severe visitation. During the seven weeks ending June 4, there were reported 533 deaths from the disease, in that city.

Dr. J. F. Anderson, an expert in this malady, was detailed from the Public Health and Marine Hospital Service of the U. S. to visit Hartford and investigate the situation, which he did, spending three days in Hartford, May 21 to 24.

He was satisfied of the nature of the disease and approved of all that was being done for public protection.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, June 15, 1904.

METEOROLOGICAL REPORT FOR THE MONTH OF MAY, 1904.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date	Barometer.† 8 A.M.	Barometer.† 8 P.M.	Temperature.‡ 8 A.M.	Temperature.‡ 8 P.M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	Relative Humidity.‖ 8 A.M.	Relative Humidity.‖ 8 P.M.	Wind. 8 A.M. Direction from	Wind. 8 A.M. Vel. in m. per h.	Wind. 8 P.M. Direction from	Wind. 8 P.M. Vel. in m. per h.	Wind. Daily Movement.	Wind. Max. velocity for a single Mile.	Precipitation.* Am't inc. melted snow Inches and 100ths.	Character of Weather. 8 A.M.	Character of Weather. 8 P.M.	Character of Day.
1	29.88	30.09	59	49	56	66	47	19	67	83	N W	10	S E	9	156	18	.0	Clear	Cloudy	Partly Cl'dy
2	30.23	30.33	49	49	52	62	42	20	73	70	N E	6	S E	8	189	23	.0	Clear	Clear	Clear
3	30.40	30.39	52	50	50	62	39	23	63	60	N E	3	S E	9	155	13	.0	Clear	Clear	Clear
4	30.38	30.26	53	57	56	70	42	28	52	58	S	5	S W	10	178	17	.0	Clear	Partly Cl'dy	Clear
5	30.16	30.09	57	63	61	76	46	30	61	62	S W	7	S W	5	225	30	.0	Clear	Clear	Clear
6	30.20	30.24	63	54	59	71	47	24	60	65	N E	7	S E	5	184	20	.0	Clear	Clear	Clear
7	30.25	30.13	54	62	58	72	45	27	53	76	S E	5	S	10	174	17	.0	Clear	Clear	Clear
8	30.09	29.93	59	62	62	73	52	21	59	64	S E	3	S E	8	168	17	.0	Clear	Cloudy	Cloudy
9	29.73	29.72	57	65	62	67	56	11	100	90	N E	14	S W	8	217	20	.80	Light Rain	Cloudy	Partly Cl'dy
10	29.91	29.95	59	61	64	72	55	17	66	65	N W	12	W	5	179	23	.04	Clear	Light Rain	Clear
11	30.03	30.08	60	61	61	72	50	22	58	48	N	8	N W	12	215	21	T	Clear	Clear	Clear
12	30.14	30.08	50	65	57	72	42	30	60	29	N W	12	N W	6	216	15	.0	Clear	Clear	Clear
13	30.11	30.09	65	59	65	76	54	22	59	69	N	11	S E	8	153	16	.0	Clear	Clear	Clear
14	30.05	29.95	57	57	58	67	50	17	62	80	N E	8	S E	12	240	27	.0	Clear	Cloudy	Clear
15	29.79	29.71	56	52	54	58	50	8	88	95	N E	11	N E	2	208	19	.15	Cloudy	Cloudy	Cloudy
16	29.78	29.91	49	57	55	62	48	14	80	48	W	14	W	8	241	25	.04	Partly Cl'dy	Clear	Partly Cl'dy
17	30.02	29.98	50	60	56	63	48	15	77	50	N W	1	N E	8	153	13	T	Cloudy	Cloudy	Cloudy
18	29.90	29.81	59	60	60	69	52	17	80	85	N E	15	N E	20	296	25	T	Cloudy	Cloudy	Cloudy
19	29.80	29.73	50	56	54	59	50	9	96	97	N E	7	N	8	203	20	.35	Light Rain	Cloudy	Cloudy
20	29.72	29.72	58	60	60	69	52	17	88	69	S	6	S W	7	211	25	T	Cloudy	Clear	Partly Cl'dy
21	29.83	29.89	61	66	65	76	54	22	68	61	S N	12	S	6	161	17	.0	Clear	Partly Cl'dy	Clear
22	29.99	30.00	63	62	64	75	52	23	69	69	S	2	S	5	171	19	.0	Clear	Partly Cl'dy	Clear
23	30.04	29.94	58	62	63	71	55	16	72	86	S	7	S E	10	215	18	T	Clear	Sprinkling	Clear
24	29.96	30.05	60	74	72	85	59	26	83	68	S E	4	W	3	148	13	.01	Cloudy	Clear	Partly Cl'dy
25	30.13	30.06	66	74	71	80	62	18	82	76	N	5	N W	14	179	15	T	Sprinkling	Light Rain	Clear
26	29.98	29.84	67	68	72	79	64	15	77	73	S	12	S	12	195	19	.17	Clear	Partly Cl'dy	Clear
27	29.73	29.93	68	59	69	81	57	24	70	54	S W	14	N	12	281	21	.02	Cloudy	Clear	Partly Cl'dy
28	30.10	30.04	58	69	64	76	51	25	46	39	S	6	W	5	187	21	.0	Clear	Clear	Clear
29	30.15	30.04	66	64	62	74	49	25	51	53	N	1	S	12	180	22	.0	Clear	Cloudy	Clear
30	29.95	29.87	63	66	64	70	57	13	79	97	S W	10	N E	4	153	11	1.07	Cloudy	Light Rain	Cloudy
31	30.08	30.16	59	59	62	68	56	12	80	62	N E	14	E	18	250	22	.29	Sprinkling	Cloudy	Partly Cl'dy
Month Ave's.	30.02	30.00	58	61	61	71	51	20	70	68	N E	8	S E	9	196	30	2.94			

SUMMARY.

Barometer.

Monthly Mean, 30.01 inches.

Highest, 30.40 in.; Date, 3.

Lowest, 29.71 in.; Date, 15.

Monthly range, .69 inches.

Temperature.

Monthly Mean, 61 degrees.
Highest, 85 degrees; Date, 24.
Lowest, 39 degrees; Date, 3.
Absolute range, 46 degrees.
Greatest daily range, 30 degrees; Date, 5.
Least daily range, 8 deg.; Date, 15.
Mean daily range, 20 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 3.12 degrees.

Wind.

Prevailing direction, S.
Mean hourly velocity, 8 miles.
Max. velocity and direction, 26 S W; Date, 5.
Total monthly movement, 6,081 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 16.
*Greatest 24 hour precipitation, (in. and 100ths), 1.36; Date, 20 & 31
Total monthly precipitation, (in. and 100ths), 2.94 in.
Total depth of snowfall (in.), 0.
Dates of thunder storms, 25, 26, 30.
Accumulated deficiency of precipitation since Jan. 1st, 1.77 inches.

Compar. Temp. (Mon. Mean.)

1873	56 deg.	1889	60 deg.
1874	56 "	1890	57 "
1875	57 "	1891	56 "
1876	58 "	1892	56 "
1877	58 "	1893	57 "
1878	57 "	1894	58 "
1879	59 "	1895	57 "
1880	64 "	1896	62 "
1881	58 "	1897	58 "
1882	61 "	1898	56 "
1883	57 "	1899	58 "
1884	56 "	1900	58 "
1885	55 "	1901	55 "
1886	57 "	1902	58 "
1887	61 "	1903	60 "
1888	56 "	1904	61 "

Com. Rainfall. (Inches and 100ths.)

1873	6.27	1889	3.81
1874	4.92	1890	4.24
1875	2.71	1891	1.92
1876	3.12	1892	5.11
1877	2.14	1893	7.08
1878	3.75	1894	4.49
1879	3.22	1895	1.70
1880	1.24	1896	3.67
1881	3.89	1897	5.03
1882	5.05	1898	8.03
1883	4.52	1899	2.52
1884	3.32	1900	3.30
1885	2.61	1901	6.38
1886	2.74	1902	1.61
1887	0.18	1903	0.31
1888	6.03	1904	2.94

Monthly mean humidity, 69 per cent. Monthly mean dew point, 49. Number of clear days, 18. Number of fair days, 7. Number of cloudy days, 6.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVIII. No. 6.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. RODT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JUNE, 1904

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of June, 1904, and a Statement of the Births and Marriages for the Month of May, 1904.

Total estimated population of the State is 956,748.

TOWNS.	Estimated Population.	Living Births in May.	Still Births in May.	Marriages in May.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,383	33	3	9	13	11.6	3	2	38.4	----	----	----	----	----	----	----	----	----	----	----	1	1	1	----	----	2	----	----	8
Branford,	6,680	7	----	1	6	11.8	1	----	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	1	2
Bridgeport,	77,635	164	12	45	116	17.6	25	11	31.0	----	----	4	----	1	1	1	1	----	----	----	8	----	13	10	2	13	7	8	47
Bristol,	10,321	25	2	15	16	18.6	2	5	43.7	----	----	----	----	4	1	----	----	----	----	----	----	----	1	2	----	----	2	1	5
Danbury,	19,475	40	2	9	24	14.7	4	2	25.0	----	1	----	----	----	----	----	----	----	----	----	1	----	2	----	----	8	3	1	8
Derby,	8,518	27	2	7	12	16.9	1	1	16.6	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	----	3	----	----	7
East Hartford,	6,991	18	2	1	6	10.2	----	1	16.6	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	3
Enfield,	6,549	12	----	7	14	25.6	3	----	21.4	----	----	----	----	----	----	----	----	----	----	----	1	----	3	----	----	1	2	----	7
Greenwich,	12,784	19	----	4	9	8.4	1	----	11.1	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	----	2	4
Groton,	6,089	13	3	2	8	15.7	2	----	25.0	----	----	----	----	1	----	----	----	----	----	----	----	----	1	----	----	1	3	----	2
Hartford,	87,836	185	10	52	117	14.0	20	11	26.4	----	----	----	----	8	1	----	----	----	----	----	5	1	12	7	1	7	8	9	58
Huntington,	6,042	12	1	----	1	1.9	1	----	100.0	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----
Killingly,	6,777	12	1	4	14	24.7	2	1	21.4	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	----	----	1	11
Manchester,	11,315	22	1	13	14	14 8	----	----	----	----	----	----	1	----	----	----	----	1	----	----	----	----	1	1	----	2	----	2	6
Meriden,	29,677	72	3	13	28	11 3	6	2	28.5	----	----	----	----	----	1	----	1	----	1	----	1	----	2	1	1	4	----	2	14
Middletown,	18,170	30	3	10	30	11.2	1	----	3.3	----	----	----	----	----	----	----	1	----	----	----	----	----	3	1	----	4	9	2	10
Naugatuck,	11,838	22	1	10	13	13.1	7	----	53.8	----	----	----	----	----	----	----	----	----	----	----	5	----	2	1	----	----	----	----	5
New Britain,	30,960	94	4	23	28	10.8	6	1	25.0	----	----	----	----	1	----	----	----	----	----	----	----	----	4	----	1	2	5	1	14
New Haven,	114,622	261	16	61	145	14.3	39	10	33.7	----	----	2	1	2	----	1	----	1	1	----	19	3	15	5	2	11	11	13	58
New London,	18,685	27	1	9	30	19.2	2	2	13.3	----	----	----	1	----	2	----	----	----	----	----	----	----	1	1	----	4	7	3	11
New Milford,	5,070	13	----	3	5	11.8	1	----	20.0	----	----	----	----	----	----	----	----	----	----	----	1	----	1	1	----	----	1	----	1
Norwalk,	20,587	35	1	10	23	13.4	5	----	21.7	----	----	----	----	----	----	----	----	----	----	----	1	----	2	2	1	6	3	2	6
Norwich,	25,113	50	2	20	28	11.9	2	2	14.2	----	----	----	1	----	----	----	----	----	----	----	----	----	2	----	1	4	5	2	13
Orange,	7,732	11	----	2	9	13.9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	2	----	4
Putnam,	7,599	15	----	4	6	9 4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	4	----	----	1
Southington,	6,007	14	----	6	7	13.9	2	----	28.5	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	1	1	----	3
Stamford,	19,781	30	3	9	36	21.2	7	7	38.8	----	----	----	----	----	----	----	----	2	----	----	4	----	3	3	1	7	2	2	12
Stonington,	8,947	18	2	1	12	16.0	2	1	25.0	----	1	----	----	----	----	----	----	----	----	----	1	1	----	1	----	1	1	1	5
Thompson,	6,701	7	1	3	8	14.3	----	2	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	5	2	----	1
Torrington,	14,374	26	2	10	14	11.6	4	1	35.7	----	----	----	----	----	----	----	----	----	----	----	----	----	5	2	1	----	1	1	4
Vernon,	8,386	13	----	4	3	4.2	1	----	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	----	1
Wallingford,	9,726	22	----	4	9	11.1	2	----	22.2	----	----	----	1	----	----	----	----	----	----	----	----	----	1	1	----	1	1	1	3
Waterbury,	56,520	122	4	35	67	14.2	15	7	32.8	----	----	2	1	----	1	1	----	1	----	----	9	1	7	2	3	13	10	4	12
Winchester,	8,237	15	2	4	13	16.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	4	2	1	5
Windham,	10,168	25	----	6	19	22.4	4	4	42.1	----	1	----	----	----	----	----	----	----	----	----	----	----	7	----	2	3	1	----	5
Total of the 35 above towns,	718,795	1611	84	416	903	15.0	171	73	27.0	----	4	8	6	17	7	3	3	5	3	----	59	7	95	44	16	118	92	60	350
133 towns of less than 5,000 inhabitants,	237,953	357	10	86	225	11.3	21	6	12.0	----	2	1	1	6	1	----	----	----	----	1	4	4	23	12	8	37	20	20	85
Total reported from 168 towns,	956,748	1968	94	502	1128	14.1	192	79	24.0	----	6	9	7	23	8	3	3	5	3	1	63	11	118	56	24	155	112	80	441

The Mortality in Public Institutions of the State was: in Bridgeport, 17; Danbury, 4; in Hartford, 38; in Meriden, 1; in Middletown, 15; in New Britain, 5; in New Haven, 31; in New London, 4; in Norwich, 5; in Putnam, 1; in Stamford, 3; in Waterbury, 3; and in Winchester, 3. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in June: Andover, Barkhamsted, Bozrah, Brookfield, Burlington, Chester, Colebrook, Durham, Eastford, East Granby, East Windsor, Essex, Goshen, Granby, Guilford, Hartland, Killingworth, Lebanon, Lisbon, Mansfield, Middlebury, Norfolk, North Stonington, Pomfret, Preston, Prospect, Rocky Hill, Salem, Saybrook, Scotland, Seymour, Sherman, Thomaston, Union, Westbrook, Weston, Wolcott, Woodbridge—38.

REMARKS.

By Mortality Reports received there were 1128 deaths during the month of June. This was 189 less than in May and 35 less than in June of last year, and 45 more than the average number of deaths in June for the five years preceding.

	1904	1903	1902	1901	1900	1899
January,	1440	1420	1172	1439	1367	1565
February,	1387	1303	1124	1381	1261	1192
March,	1525	1421	1239	1441	1691	1221
Total 1st quarter,	4352	4144	3535	4261	4319	3978
April,	1376	1245	1191	1253	1678	1169
*May,	1317	1265	1100	1056	1230	1025
June,	1128	1163	1061	1022	1121	1018
Total 2d quarter,	3821	3673	3352	3331	4029	3242

The death-rate was 15.0 for the large towns, for the small towns 11.3, and for the whole State 14.1.

The deaths reported from infectious diseases, including diarrhœal, were 142, being 12.5 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—Andover, 5; Ansonia, 1; Ashford, 1; Berlin, 2; Bethel, 1; Branford, 1; Bridgeport, 10; Bristol, 8; Brookfield, 1; Clinton, 2; Columbia, 31; Coventry, 1; Danbury (city), 76; Danbury (town), 3; East Hartford, 6; Essex, 2; Farmington, 1; Greenwich, 6; Groton (town), 7; Groton (borough), 3; Hampton, 15; Hartford, 3; Hartland, 1; Killingly, 4; Killingworth, 3; Manchester, 21; Mansfield, 7; Middletown (city), 1; Milford, 1; Montville, 50+; New Britain (city), 1; New Fairfield, 4; New Haven, 12; North Haven, 2; Norwalk, 1; Seymour, 2; Sharon, 5; Simsbury, 6; Southington, 3; South Norwalk (city), 4+; South Windsor, 12; Stamford (city), 37; Stamford (town), 5; Thomaston, 1; Torrington, 1; Waterbury (city), 6; West Hartford, 1; Westport, 13; Wilton, 1.—Total, 391+ in 49 towns.

Scarlet Fever.—Ansonia, 1: Bridgeport, 61; Canterbury, 1; Danbury (city), 1; Danielson (borough), 2; Derby, 3; Easton, 1; Fairfield, 3; Hamden, 2; Hartford, 5; Huntington, 1; Killingly, 3; Manchester, 2; Meriden, 2; New Britain (city), 1; New Canaan (town and borough), 6; New Haven, 6; Norwich (city), 6; Salisbury, 1; Shelton (borough), 3; Southbury, 1; Southington, 3; South Windsor, 1; Stamford (city), 1; Sterling, 5; Tolland, 1; Union, 1; Wallingford, 1; Waterbury (city), 12; Watertown, 1.—Total, 138 in 30 towns.

Cerebro Spinal Fever.—Ansonia, 1; Bristol, 1; East Hartford, 1; Groton (borough), 1; Hartford, 18; Montville, 1; South Windsor, 1.—Total, 24 in 7 towns.

Diphtheria and Croup.—Bridgeport, 6; Bristol, 1; Chaplin, 1; Danbury, 2; Derby, 3; Ellington, 1: Essex, 1; Haddam, 13; Hartford, 14; Middletown (city), 1; New Britain (city), 1; New Hartford, 2; New Haven, 13; New London, 21; Norwalk (city), 2; Norwalk (town), 2; Norwich, 2; Oxford, 1; Redding, 1; Ridgefield (borough), 4; Stafford, 3; Stamford (city), 3; Stratford, 2; Thompson, 1; Waterbury (city), 3; Waterford, 1; Westport, 1; Willimantic (city), 1.—Total, 107 in 28 towns.

Whooping Cough.—Ansonia, 2; Branford (town and borough), 2; Chaplin, 22+; Clinton, 2; Groton (borough), 1; Hartford, 3; Harwinton, 1; Litchfield, 3+; Putnam, 4; Union, 10; Waterbury (city), 2; Watertown, 3; Wilton, 5+.—Total, 60+ in 13 towns.

Typhoid Fever.—Ansonia, 1; Bridgeport, 1; Cornwall, 1; Groton, 1; Hartford, 1; New Haven, 7; Norwalk (city), 1; Norwalk (town), 2; Norwich (city), 1; Putnam, 1; South Norwalk (city), 1; Stafford, 2; Stamford (city), 1; Thomaston, 1; Waterbury (city), 2.—Total, 24 in 15 towns.

*Eleven delayed certificates for May have been returned since the publication of the last Bulletin.

Consumption.—Ansonia, 1; Branford, 1; Bridgeport, 9; Hartford, 1; Middletown (city), 1; Milford, 1; New Britain (city), 1; Norwich (city), 1; Portland, 1; Rockville (city), 1; Southbury, 1; Woodbridge, 1; Woodstock, 1.—Total, 21 in 13 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Barkhamsted, Beacon Falls, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Brooklyn, Burlington, Canaan, Canton, Chatham, Cheshire, Chester, Colchester (town and borough), Colebrook, Cromwell, Darien, Durham, Eastford, East Granby, East Haddam, East Haven, East Lyme, East Windsor, Enfield, Franklin, Glastonbury, Goshen, Granby, Griswold, Guilford, Hebron. Jewett City (borough), Kent, Lebanon, Ledyard, Lisbon, Lyme, Madison, Marlborough, Middlebury, Middletown, Monroe, Morris, Naugatuck, New Britain, Newington, New Milford, Norfolk, North Branford, North Canaan, North Stonington, Old Lyme, Old Saybrook, Orange, Plainfield, Plainville, Plymouth, Pomfret, Preston, Prospect, Ridgefield, Rocky Hill, Roxbury, Salem, Saybrook, Scotland, Sherman, Somers, Sprague, Stafford Springs (borough), Stonington, Trumbull, Vernon, Voluntown, Warren, Washington, Westbrook, West Haven (borough), Weston, Wethersfield, Willington, Winchester, Windham, Windsor, Winsted, Wolcott, Woodbury.—Total, 90 towns.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population.

Measles.—Ashford, 1; Willington, 1.—Total, 2.

Scarlet Fever.—Sterling, 1.

La Grippe.—Plymouth, 1.

Cerebro Spinal Fever.—Bloomfield, 1; Hamden, 1; Montville, 1; Plainville, 1; South Windsor, 1; Suffield, 1.—Total, 6.

Consumption.—Bethel, 2; Brooklyn, 1; Cheshire, 2; Colchester, 2; Darien, 1; Easton, 1; Harwinton, 1; Litchfield, 2; Milford, 1; New Canaan, 1; North Branford, 1; Portland, 1; Southbury, 1; Stafford, 2; Watertown, 1; Windsor Locks, 1; Woodbury, 1; Woodstock, 1.—Total, 23.

All the Health Officers of Windham and Tolland Counties have reported. But the Health Officers of the following towns have not reported:

Hartford Co.—Avon, Suffield, Windsor Locks.
New Haven Co.—Meriden (city).
New London Co.—Stonington (borough).
Fairfield Co.—Newtown.
Litchfield Co.—Bridgewater.
Middlesex Co.—Middlefield.

THE DRUG-HABIT.

The following is quoted from the "Analyst" of the State Board of Health of Massachusetts for the information of those who have acquired the dangerous self-dosing habit.

Each article mentioned contains the percentage by volume of alcohol indicated by the figures following:

Lydia Pinkham's Vegetable Compound, 20.6; Paine's Celery Compound, 21.; Colden's Liquid Beef Tonic, "recommended for treatment of alcohol habit," 26.5; Ayer's Sarsaparilla, 26.2; Hood's Sarsaparilla, 18.8; Dana's Sarsaparilla, 13.5; Peruna, 28.5; Hoofland's German Tonic, 29.3; Howe's Arabian Tonic "not a rum drink", 13.2; Mensman's Peptonized Beef Tonic, 16.5; Schenck's Seaweed Tonic, "entirely harmless," 19.5; Boker's Stomach Bitters, 42.6; Burdock Blood Bitters, 25.2; Hoofland's German Bitters, "entirely vegetable," 25.6; Hop Bitters, 12.; Hostetter's Stomach Bitters, 44.3; Richardson's Concentrated Sherry Wine Bitters, 47.5; Warner's Safe Tonic Bitters, 35.7.

Beer contains only from 2 to 5 per cent. of alcohol. Some of the above contain ten times as much, making them stronger than whiskey, far stronger than sherry or port, with claret and champagne way behind.

There is no doubt that the benefit thought to result from these deceptive mixtures is due to alcoholic stimulation. The dupes of these advertised compounds can get good whiskey cheaper if they need it.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, July 15, 1904.

METEOROLOGICAL REPORT FOR THE MONTH OF JUNE, 1904.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.19	30.08	57	56	58	62	53	9	71	91	N E	12	N E	22	354	30	.01	Cloudy	Misting	Cloudy
2	30.16	30.10	51	58	60	68	51	17	90	90	N E	15	S E	8	278	24	.06	Light Rain	Sprinkling	Cloudy
3	30.00	29.98	57	66	62	71	53	18	88	85	N E	6	S W	1	116	9	.27	Cloudy	Clear	Partly Cl'dy
4	30.11	30.15	68	62	69	78	60	18	83	89	N	4	S E	8	166	20	.0	Cloudy	Partly Cl'dy	Partly Cl'dy
5	30.06	29.88	62	75	70	81	59	22	92	82	S	9	S W	10	247	28	.0	Partly Cl'dy	Threatening	Clear
6	29.87	29.92	79	61	72	86	58	28	57	84	W	12	S E	8	236	21	T	Clear	Cloudy	Clear
7	29.93	29.90	60	70	64	74	55	19	91	86	N E	2	N	6	102	11	.18	Cloudy	Sprinkling	Cloudy
8	29.92	29.95	65	62	67	73	61	12	92	88	S E	6	S	10	178	17	.26	Cloudy	Cloudy	Partly Cl'dy
9	30.11	30.30	58	50	55	61	49	12	94	93	N E	12	N E	12	268	20	.70	Light Rain	Light Rain	Cloudy
10	30.31	30.18	53	54	55	64	46	18	72	76	N E	17	E	3	229	20	.02	Partly Cl'dy	Clear	Partly Cl'dy
11	30.00	30.02	61	63	60	75	45	30	68	60	N E	4	E	6	158	19	T	Clear	Clear	Clear
12	30.09	30.17	65	58	61	72	50	22	64	74	E	1	S E	10	159	19	.0	Partly Cl'dy	Clear	Clear
13	30.29	30.26	57	56	56	62	49	13	66	74	E	5	S E	12	164	16	.0	Clear	Cloudy	Clear
14	30.25	30.11	57	56	56	65	46	19	66	75	S W	4	S	13	188	17	.0	Clear	Clear	Clear
15	30.14	30.07	58	62	58	67	49	18	77	64	S	8	S	9	182	17	.0	Partly Cl'dy	Partly Cl'dy	Clear
16	30.06	30.07	62	68	65	74	56	18	81	83	S	4	N E	4	120	13	T	Cloudy	Cloudy	Partly Cl'dy
17	30.10	30.07	62	66	66	72	60	12	81	66	N E	7	S W	3	171	17	T	Cloudy	Clear	Partly Cl'dy
18	30.04	29.98	65	76	70	83	58	25	75	54	S	6	N W	3	141	15	.0	Clear	Clear	Clear
19	30.12	30.04	74	70	72	81	62	19	48	54	N	7	S W	6	177	20	.0	Clear	Clear	Clear
20	30.00	29.85	70	73	70	80	61	19	72	69	S E	2	S	6	145	12	.0	Clear	Clear	Clear
21	29.73	29.60	71	76	75	84	66	18	88	76	S	5	S W	8	241	24	.43	Partly Cl'dy	Clear	Clear
22	29.63	29.87	75	67	72	82	61	21	72	68	W	6	N W	15	228	33	.01	Partly Cl'dy	Clear	Partly Cl'dy
23	30.23	30.32	65	65	65	74	56	18	56	56	N E	13	S	8	228	20	.0	Clear	Clear	Clear
24	30.34	30.19	64	66	66	77	54	23	78	73	S E	6	S W	12	205	20	.0	Clear	Clear	Clear
25	30.09	29.91	69	78	73	86	60	26	76	79	S	6	S W	9	203	20	.0	Partly Cl'dy	Clear	Clear
26	29.94	29.87	83	84	83	93	73	20	62	62	W	12	W	6	183	20	.0	Clear	Clear	Clear
27	30.04	30.06	70	72	72	82	63	19	40	54	N W	8	N W	6	255	19	.0	Clear	Clear	Clear
28	30.18	30.07	64	66	65	72	58	14	63	64	N E	8	S E	6	195	17	T	Cloudy	Cloudy	Cloudy
29	29.91	29.90	63	69	66	74	58	16	97	85	N E	6	S E	4	122	20	.44	Light Rain	Partly Cl'dy	Partly Cl'dy
30	29.89	29.80	68	69	68	70	67	3	96	93	S E	8	S	9	230	22	.02	Cloudy	Cloudy	Cloudy
Month Ave's.	30.06	30.02	64	66	66	75	57	18	75	75	N E	7	S W	8	196	30	2.46			

SUMMARY.

BAROMETER.

Monthly Mean, 30.04 inches.

Highest, 30.34 in.; Date, 24.

Lowest, 29.60 in.; Date, 21.

Monthly range, .74 inches.

TEMPERATURE.

Monthly Mean, 66 degrees.
Highest, 93 degrees; Date, 26.
Lowest, 45 degrees; Date, 11.
Absolute range, 48 degrees.
Greatest daily range, 30 degrees; Date, 11.
Least daily range, 3 deg.; Date, 30.
Mean daily range, 18 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 360 degrees.

WIND.

Prevailing direction, S.
Mean hourly velocity, 8 miles.
Max. velocity and direction, 26 S W; Date, 5.
Total monthly movement, 5,869 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 16.
*Greatest 24 hour precipitation, (in. and 100ths), .78; Date, 9
Total monthly precipitation, (in. and 100ths), 2.46 in.
Total depth of snowfall (in.), 0.
Dates of thunder storms, 5, 7, 9, 20, 21, 26.
Accumulated deficiency of precipitation since Jan. 1st, 2.26 inches.

COMPAR. TEMP. (Mon. Mean.)

1873	67 deg.	1889	67 deg.
1874	67 "	1890	66 "
1875	66 "	1891	66 "
1876	71 "	1892	69 "
1877	68 "	1893	66 "
1878	65 "	1894	68 "
1879	67 "	1895	68 "
1880	69 "	1896	65 "
1881	62 "	1897	64 "
1882	66 "	1898	67 "
1883	68 "	1899	69 "
1884	67 "	1900	68 "
1885	65 "	1901	68 "
1886	63 "	1902	65 "
1887	65 "	1903	61 "
1888	68 "	1904	66 "

COM. RAINFALL. (Inches and 100ths.)

1873	2.07	1889	3.17
1874	3.41	1890	3.12
1875	3.50	1891	1.90
1876	1.86	1892	2.36
1877	6.17	1893	2.07
1878	2.62	1894	0.49
1879	4.62	1895	2.41
1880	1.25	1896	2.96
1881	5.14	1897	2.47
1882	2.74	1898	0.21
1883	1.83	1899	2.59
1884	5.26	1900	1.79
1885	1.43	1901	0.25
1886	2.84	1902	4.35
1887	5.62	1903	7.41
1888	2.15	1904	2.46

Monthly mean humidity, 75 per cent. Monthly mean dew point, 56. Number of clear days, 16. Number of fair days, 8. Number of cloudy days, 6.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XVIII. No. 7.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JULY, 1904

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of July, 1904, and a Statement of the Births and Marriages for the Month of June, 1904.

Total estimated population of the State is 956,748.

TOWNS.	Estimated Population.	Living Births in June.	Still Births in June.	Marriages in June.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,383	35	1	25	20	17.9	8	2	50.0	----	----	----	----	----	----	----	----	----	----	----	8	----	1	----	----	3	----	----	8
Branford,	6,080	10	1	9	9	17.7	4	----	44.4	----	----	----	----	1	----	----	----	----	----	----	2	----	1	----	----	----	1	1	3
Bridgeport,	77,635	170	12	94	133	20.2	45	16	45.8	----	----	4	----	1	1	1	----	2	----	1	43	5	13	1	----	9	11	4	37
Bristol,	10,321	25	1	25	11	12.7	4	1	45.4	----	----	----	----	1	----	----	----	----	----	----	2	2	----	1	----	----	----	----	4
Danbury,	19,475	37	1	4	27	14.7	7	1	29.6	----	1	----	----	----	----	----	1	1	----	----	3	4	1	2	----	5	2	1	6
Derby,	8,518	10	1	9	13	18.3	6	3	69.2	----	----	----	----	----	----	----	----	----	----	----	5	1	----	----	----	1	1	1	4
East Hartford,	6,991	11	----	9	8	13.7	2	1	37.5	----	----	----	----	----	----	----	----	----	----	----	2	2	----	1	----	1	----	1	1
Enfield,	6,549	15	1	10	8	14.6	3	1	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	2	----	4
Greenwich,	12,784	9	1	12	16	15.0	6	1	43.7	----	----	----	----	----	1	----	----	----	----	----	6	----	1	----	----	3	----	----	5
Groton,	6,089	11	----	10	9	17.7	1	----	11.1	----	----	----	----	----	1	----	----	----	----	----	1	----	2	----	----	----	----	2	3
Hartford,	87,836	154	10	120	134	16.9	41	7	35.8	----	----	----	----	5	----	----	----	1	----	----	26	1	10	6	1	11	7	12	54
Huntington,	6,042	12	2	2	6	11.9	2	2	66.6	----	----	1	----	----	----	----	----	----	----	----	1	----	1	----	----	----	1	1	1
Killingly,	6,777	12	----	5	8	14.1	2	1	37.5	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	1	1	1	3
Manchester,	11,315	20	----	16	11	11.6	3	1	36.3	----	----	----	----	----	----	----	----	----	----	----	4	----	1	1	----	1	1	1	3
Meriden,	29,677	64	1	40	37	14 9	12	3	40.5	----	----	----	----	----	----	----	----	----	1	----	10	----	5	1	----	5	3	2	10
Middletown,	18,170	25	----	17	33	15 1	12	----	36.3	----	----	----	----	----	----	----	----	1	----	----	6	1	2	1	1	4	4	----	13
Naugatuck,	11,838	27	2	18	23	23.3	13	3	69.5	----	----	----	----	----	----	----	----	----	----	----	13	----	1	----	1	2	----	1	5
New Britain,	30,960	101	2	42	57	21.3	29	5	59.6	----	----	----	----	----	----	----	----	----	----	----	21	1	1	2	1	2	3	3	23
New Haven,	114,622	232	16	168	192	18.7	69	14	43.2	----	1	2	----	----	----	2	----	3	1	----	43	2	17	4	1	17	17	17	65
New London,	18,685	28	2	31	31	19.9	6	3	29.0	----	----	----	----	1	2	1	----	----	----	----	1	----	2	1	1	5	4	3	10
New Milford,	5,070	8	----	4	4	9.4	2	----	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	2
Norwalk,	20,587	40	4	18	35	20.4	9	1	28.5	----	----	----	----	----	----	----	----	----	----	----	8	----	3	1	----	4	----	3	16
Norwich,	25,113	41	1	30	37	17.2	6	1	18.9	----	----	----	----	----	----	----	----	----	----	----	3	2	2	2	----	7	4	4	13
Orange,	7,732	11	----	10	7	10.8	2	----	28.5	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	----	2	1	----	2
Putnam,	7,599	16	----	7	15	23.6	3	1	26.6	----	----	----	----	----	----	----	----	----	----	----	4	1	2	1	1	----	1	3	2
Southington,	6,007	13	----	8	7	13.9	3	----	42.8	----	----	----	----	----	----	----	----	----	----	----	3	3	----	----	----	----	----	----	1
Stamford,	19,781	45	----	19	51	30.9	21	3	47 •	----	----	2	1	----	----	----	1	----	----	----	15	1	3	----	----	----	----	----	5
Stonington,	8,947	17	----	9	11	14.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	----	3	1
Thompson,	6,701	9	----	7	5	8.9	1	1	40.0	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	----	2	----	----	----
Torrington,	14,374	33	2	15	15	12.5	8	1	60.0	----	----	----	----	----	----	----	1	----	----	----	7	----	2	----	----	1	1	----	3
Vernon,	8,386	8	----	14	9	12.8	3	2	55.5	----	----	----	----	----	----	----	----	----	----	----	5	----	----	----	----	1	----	----	3
Wallingford,	9,726	27	----	11	9	11.1	3	1	44.4	----	----	----	----	----	----	----	----	----	----	----	3	----	----	----	----	----	----	2	4
Waterbury,	56,520	146	7	66	113	23.9	60	8	60.1	----	----	1	----	----	----	1	----	1	----	----	53	3	4	3	3	5	3	4	32
Winchester,	8,237	17	1	11	7	8.7	----	1	14.2	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	1	----	3
Windham,	10,168	19	1	13	23	27.1	9	1	43.4	----	----	----	----	----	----	----	----	----	----	----	5	1	----	1	----	4	3	1	8
Total of the 35 above towns,	718,795	1458	70	908	1134	18.9	405	86	43.2	----	2	10	1	9	5	5	3	9	2	1	307	30	82	30	10	105	74	75	374
132 towns of less than 5,000 inhabitants,	236,701	369	22	223	271	13.7	62	17	29.1	----	1	----	2	----	4	1	----	3	----	----	41	11	18	8	1	28	25	27	101
Total reported from 167 towns,	955,496	1827	92	1131	1405	17.6	467	103	40.5	----	3	10	3	9	9	6	3	12	2	1	348	41	100	38	11	133	99	102	475
Population of town not reporting	1,252																												

The Mortality in Public Institutions of the State was: in Bridgeport, 15; in Danbury, 5; in Hartford, 38; in Middletown, 10; in New Britain, 3; in New Haven, 40; in New London, 3; in Norwalk, 3; in Norwich, 4; in Stamford, 4; in Waterbury, 4; and in Winchester, 1. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in July: Ashford, Barkhamsted, Bethlehem, Bridgewater, Bozrah, Canton, Colebrook, Columbia, Coventry, East Granby, East Haven, East Windsor, Goshen, Hebron, Lisbon, Litchfield, Marlborough, Montville, Morris, New Fairfield, Preston, Rocky Hill, Southbury, South Windsor, Trumbull, Union, Voluntown, Willington—28.

The Registrar of Ledyard has no report for July.

REMARKS.

By Mortality Reports received there were 1405 deaths during the month of July. This was 276 more than in June and 9 less than in July of last year, and 6 less than the average number of deaths in July for the five years preceding.

	1904	1903	1902	1901	1900	1899
January,	1440	1420	1172	1439	1367	1565
February,	1387	1303	1124	1381	1261	1192
March,	1525	1421	1239	1441	1691	1221
Total 1st quarter,	4352	4144	3535	4261	4319	3978
April,	1376	1245	1191	1253	1678	1169
May,	1317	1265	1100	1056	1230	1025
*June,	1129	1163	1061	1022	1121	1048
Total 2d quarter,	3822	3673	3352	3331	4029	3242
July,	1405	1414	1394	1297	1583	1369

*One delayed certificate for June has been received since the publication of the last Report.

The death-rate was 18.9 for the large towns, for the small towns 13.7, and for the whole State 17.6.

The deaths reported from infectious diseases, including diarrhœal, were 450, being 32.0 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—Bethel (town and borough), 7; Bridgeport, 3; Columbia, 1; East Hartford, 3; Groton (borough), 1; Guilford, 1; Hampton, 14; Hartford, 2; Hebron, 1; Madison, 2; Manchester, 2; Mansfield, 1; Montville, 10; New Canaan, 1; New Milford, 1; Norwalk, 2; Redding, 5; Salem, 1; Salisbury, 4; Simsbury, 1; South Windsor, 4; Stamford (city), 1; Stonington, 3; Waterbury, 5; Weston, 24; Willimantic (city), 3.—Total, 103 in 26 towns.

Scarlet Fever.—Bridgeport, 22; Bristol, 2; Colchester, 1; Derby, 3; Groton, 1; Hartford, 2; Meriden (city), 1; Middletown (city), 4; Milford, 1; New Britain, 2; New Canaan (town and borough), 3; New Haven, 2; New London, 1; Norwalk, 1; Norwich (city), 2; Plainfield, 1; Shelton (borough), 2; Stamford (city), 6; Thompson, 1; Waterbury, 5; West Haven (borough), 1; Willimantic (city), 1.—Total, 65 in 22 towns.

Cerebro Spinal Fever.—Coventry, 1; Hartford, 3; Winsted (borough), 1.—Total, 5 in 3 towns.

Diphtheria and Croup.—Branford, 1; Bridgeport, 5; Canterbury, 1; Derby, 1; Durham, 1; Eastford, 1; Ellington, 6; Farmington, 1; Greenwich (town and borough), 2; Groton (town), 3; Groton (borough), 2; Hamden, 3; Hartford, 4; Naugatuck, 2; New Britain, 2; New Haven, 5; New London, 1; Redding, 2; Shelton (borough), 1; South Norwalk (city), 2; Stamford (city), 6; Suffield, 1; Trumbull, 3; Waterbury, 3; Wethersfield, 1; Windsor Locks, 3.—Total, 63 in 25 towns.

Whooping Cough.—Ansonia, 2; Chaplin, 10+; Clinton, 2; Hartford, 5; Litchfield, 1; Madison, 3; Old Saybrook, 1; Union, 4; Wilton, 3.—Total, 31+ in 9 towns.

Typhoid Fever.—Ansonia, 1; Bridgeport, 1; Bristol, 1; Cornwall, 2; Danbury (city), 1; Derby, 1; Easton, 2; Greenwich, 1; Hartford, 5; Killingworth, 2; Middletown (city), 1; Milford, 1; New Canaan, 1; New Haven, 18; Newtown, 1; Plymouth, 1; Putnam, 2; Redding, 1; Rockville (city), 1; Roxbury, 1; Stafford, 1; Stafford Springs (borough), 1; Stamford (city), 1; Sterling, 1; Thompson, 2; Wallingford, 2; Waterbury, 8.—Total, 61 in 26 towns.

Consumption.—Ansonia, 1; Bethany, 1; Bridgeport, 7; Chatham, 1; Chester, 1; East Haven, 1; Guilford, 1; Madison, 2; New Canaan (town and borough), 2; Norfolk, 2; Norwalk (city), 1; Norwich (city), 2; Portland, 1; Sharon, 1; Stamford (city), 1; Wethersfield, 1; Woodbridge, 1.—Total, 27 in 17 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Barkhamsted, Beacon Falls, Berlin, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Brooklyn, Burlington, Canaan, Canton, Cheshire, Colebrook, Cromwell, Danbury, Danielson (borough), Darien, East Granby, East Haddam, East Lyme, East Windsor, Enfield, Essex, Fairfield, Franklin, Glastonbury, Goshen, Granby, Griswold, Hartland, Harwinton, Jewett City (borough), Kent, Killingly, Lebanon, Ledyard, Lisbon, Lyme, Marlborough, Meriden, Middlebury, Monroe, Morris, New Britain (city), New Fairfield, New Hartford, North Branford, North Canaan, North Haven, North Stonington, Old Lyme, Oxford, Plainville, Pomfret, Prospect, Ridgefield (town and borough), Rocky Hill, Saybrook, Scotland, Seymour, Somers, Southbury, Southington, Sprague, Stratford, Thomaston, Tolland, Torrington (town and borough), Vernon, Voluntown, Warren, Washington, Waterford, Watertown, Westbrook, West Hartford, Westport, Willington, Winchester, Windham, Windsor, Wolcott, Woodbury, Woodstock.—Total, 87.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population.

Measles.—Darien, 1.
La Grippe.—Milford, 1; Windsor, 1.
Diphtheria and Croup.—Eastford, 1; Ellington, 3.—Total, 4.
Whooping Cough.—Madison, 1.
Typhoid Fever.—Easton, 1; Stafford, 1; Sterling, 1.—Total, 3.
Consumption.—Berlin, 1; Bethany, 1; Bethel, 2; Canaan, 1; Chatham, 1; Colchester, 1; Granby, 1; North Stonington, 1; Old Lyme, 1; Portland, 1; Stafford, 2; Thomaston, 1; Westbrook, 1; West Hartford, 1; Windsor, 1; Woodbury, 1.—Total, 18.

All the Health Officers of Windham, Litchfield and Tolland Counties have reported. But the Health Officers of the following towns have not reported:

Hartford Co.—Avon, Newington.
New Haven Co.—Orange.
New London Co.—Norwich, Preston.
Fairfield Co.—Huntington, Sherman, Stamford.
Middlesex Co.—Middletown, Haddam, Middlefield.

MILK.

Cow's milk is the most valuable single article of human food known to civilized man.

Cow's milk is also liable to be the most dangerous common article of human food. Proof—Epidemics of Typhoid Fever, Scarlet Fever, Diphtheria, etc., from infected milk.

Cow's milk is more subject than any other common article of food to rapid and deleterious changes, upon simple exposure to the air.

It changes most rapidly in a high temperature. Hence at this season of the year, milk may speedily acquire new and dangerous conditions.

Vegetation is most active in warm weather. Bacteria are vegetables. Milk is a prolific culture fluid for bacteria. All milk contains bacteria.

Prof. H. W. Conn of Wesleyan University says, that at a temperature of 50° Fahrenheit, the bacteria in milk will increase in 50 hours from 3 to 30 times the initial number, and if the temperature is 70° Fahrenheit, they will multiply 40,000 times. Hence keep milk cold.

Sourness is the popular test of the quality of milk. People will buy and use any old milk however dirty, if it is not sour. Milk will not sour for several days if packed in ice, for the acid forming bacteria cannot grow. But the cold does not entirely stop the growth of other germs.

A given sample of milk may not be sour, and yet be rotten with the presence of innumerable other bacteria.

The great mortality of infants of two years old and under, in hot weather, is mostly due to spoiled milk.

Milk that is more than 24 hours old should never be fed to infants or invalids.

Grocery store milk is rarely safe, particularly in the summer.

Much depends upon the care of the milk after it is received for use. It should be kept in a cool place—never in pitchers or pans exposed to a foul air and flies. There is nothing so important in the care of milk as cleanliness. Now is the season when it is most fatal to infant life.

Ask your doctor how to keep milk by pasteurizing it.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, August 15, 1904.

METEOROLOGICAL REPORT FOR THE MONTH OF JULY, 1904.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.89	29.85	68	70	71	79	63	16	95	77	S	6	S W	10	212	24	.11	Cloudy	Light Rain	Partly Cl'dy
2	29.95	30.06	66	65	64	73	56	17	71	61	S W	13	W	3	244	25	T	Clear	Clear	Clear
3	30.20	30.23	64	66	63	72	54	18	59	61	N W	10	N	3	215	15	.0	Clear	Clear	Clear
4	30.26	30.13	65	69	64	77	51	26	70	62	S	9	S	12	221	22	.0	Clear	Clear	Clear
5	30.05	29.95	71	75	75	84	66	18	81	78	S	12	S W	14	250	22	.0	Cloudy	Cloudy	Partly Cl'dy
6	30.04	30.01	71	72	74	81	68	13	72	83	N	5	E	5	127	12	.09	Cloudy	Cloudy	Partly Cl'dy
7	30.06	30.06	70	71	73	79	67	12	91	76	N	8	S	8	111	15	T	Cloudy	Sprinkling	Cloudy
8	30.10	30.12	66	70	70	78	63	15	85	72	N E	4	S E	4	127	15	.20	Cloudy	Clear	Partly Cl'dy
9	30.11	30.05	71	68	67	76	58	16	70	76	S E	3	E	12	190	19	.0	Clear	Cloudy	Clear
10	30.01	29.89	65	69	68	75	62	13	90	88	N E	2	S W	4	104	9	.02	Cloudy	Cloudy	Cloudy
11	29.87	29.81	68	72	71	77	65	12	86	88	S	3	S	9	168	16	.0	Cloudy	Cloudy	Partly Cl'dy
12	29.74	29.59	71	73	75	80	70	10	95	80	S E	6	S	13	192	19	T	Misting	Cloudy	Partly Cl'dy
13	29.71	29.92	66	67	70	78	62	16	87	55	N	9	N W	12	250	25	.01	Cloudy	Clear	Clear
14	30.12	30.13	67	72	68	80	56	24	58	61	N W	6	S W	10	160	11	.0	Clear	Clear	Clear
15	30.14	30.07	70	71	72	80	63	17	68	68	S	3	S	10	221	20	.0	Clear	Partly Cl'dy	Partly Cl'dy
16	30.00	29.89	72	73	74	83	66	17	86	82	S W	12	S	3	224	20	.10	Cloudy	Clear	Partly Cl'dy
17	29.99	29.93	74	77	74	85	64	21	63	72	N W	12	N W	5	187	12	.0	Clear	Clear	Cloudy
18	29.98	29.93	68	80	77	88	66	22	95	74	N W	7	S W	6	145	18	.52	Heavy Rain	Clear	Partly Cl'dy
19	29.90	29.83	78	83	81	93	69	24	62	58	N	10	W	4	145	12	.0	Clear	Clear	Clear
20	29.84	29.86	78	76	77	84	70	14	53	43	N W	11	N W	6	229	26	.0	Clear	Clear	Clear
21	29.88	29.90	74	76	74	84	63	21	58	51	N W	7	N W	4	160	14	.0	Clear	Partly Cl'dy	Clear
22	29.98	30.01	65	66	69	76	62	14	70	74	N E	9	N E	6	209	14	.03	Cloudy	Sprinkling	Cloudy
23	29.94	30.01	65	65	66	71	61	10	84	75	N E	14	N E	15	281	20	.01	Cloudy	Cloudy	Cloudy
24	30.08	30.04	64	63	63	65	61	4	79	100	N E	9	N E	8	188	15	.50	Cloudy	Misting	Cloudy
25	30.10	30.15	66	71	69	76	62	14	90	90	N	6	S E	8	172	13	.17	Cloudy	Cloudy	Partly Cl'dy
26	30.16	30.13	73	72	73	78	68	10	89	85	S	11	S	12	261	20	.05	Cloudy	Cloudy	Partly Cl'dy
27	30.13	30.09	73	72	76	82	69	13	80	79	S	8	S	8	193	15	.02	Clear	Clear	Partly Cl'dy
28	30.14	30.05	72	70	74	80	68	12	88	90	S W	8	S	9	223	20	.02	Cloudy	Light Rain	Cloudy
29	30.01	30.09	69	71	72	81	62	19	88	54	W	6	W	7	179	40	.23	Partly Cl'dy	Clear	Clear
30	30.19	30.13	68	69	66	76	57	19	65	67	N E	4	S	10	195	17	.0	Clear	Clear	Clear
31	30.09	30.08	72	74	74	82	66	16	84	80	S W	10	S W	18	320	24	.0	Cloudy	Clear	Partly Cl'dy
Month Ave's.	30.02	30.00	69	71	71	79	63	16	78	73	S	8	S	8	170	40	2.08			

SUMMARY.

BAROMETER.

Monthly Mean, 30.01 inches.

Highest, 30.26 in.; Date, 4.

Lowest, 29.95 in.; Date, 12.

Monthly range, .67 inches.

TEMPERATURE.

Monthly Mean, 71 degrees.
Highest, 93 degrees; Date, 19.
Lowest, 51 degrees; Date, 4.
Absolute range, 42 degrees.
Greatest daily range, 26 degrees; Date, 4.
Least daily range, 4 deg.; Date, 24.
Mean daily range, 16 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 382 degrees.

WIND.

Prevailing direction, S.
Mean hourly velocity, 8 miles.
Max. velocity and direction, 32 S W; Date, 29.
Total monthly movement, 6,103 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 18.
*Greatest 24 hour precipitation, (in. and 100ths), .67; Date, 24 & 25.
Total monthly precipitation, (in. and 100ths), 2.08 in.
Total depth of snowfall (in.), 0.
Dates of thunder storms, 1, 15, 18, 29.
Accumulated deficiency of precipitation since Jan. 1st, 5.12 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---73 deg.		1889---70 deg.	
1874---72	"	1890---69	"
1875---71	"	1891---68	"
1876---76	"	1892---72	"
1877---73	"	1893---71	"
1878---74	"	1894---73	"
1879---71	"	1895---69	"
1880---73	"	1896---72	"
1881---71	"	1897---72	"
1882---72	"	1898---72	"
1883---71	"	1899---72	"
1884---68	"	1900---73	"
1885---72	"	1901---74	"
1886---70	"	1902---70	"
1887---75	"	1903---72	"
1888---69	"	1904---71	"

COM. RAINFALL. (Inches and 100ths.)

1873---1.55		1889---17.08	
1874---4.90		1890---6.59	
1875---4.42		1891---4.52	
1876--11.05		1892---4.33	
1877---2.37		1893---1.89	
1878---2.53		1894---2.40	
1879---9.50		1895---3.77	
1880---4.90		1896---3.86	
1881- -3.53		1897--16.63	
1882---3.03		1898---5.03	
1883---5.67		1899---4.17	
1884---5.89		1900---2.28	
1885---2.51		1901---4.40	
1886---4.69		1902---3.26	
1887-- 4.66		1903---2.17	
1888---1.76		1904---2.08	

Monthly mean humidity, 75 per cent. Monthly mean dew point, 62. Number of clear days, 11. Number of fair days, 13. Number of cloudy days, 7.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVIII. No. 8.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF AUGUST, 1904

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of August, 1904, and a Statement of the Births and Marriages for the Month of July, 1904.

Total estimated population of the State is 956,748.

TOWNS.	Estimated Population.	Living Births in July.	Still Births in July.	Marriages in July.	Total Deaths.	Representing Annual Death Rate per 1,000	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,383	32	----	9	10	8.9	5	2	70.0	----	----	----	----	----	----	----	----	----	----	----	3	----	----	----	----	----	----	----	7
Branford,	6,080	11	1	2	5	9.8	3	1	80.0	----	----	----	----	----	----	----	----	----	----	----	4	----	1	----	----	----	----	----	----
Bridgeport,	77,635	162	9	59	105	15.7	39	12	48.5	----	----	----	----	----	----	----	----	----	----	----	38	5	13	----	1	5	3	5	35
Bristol,	10,321	19	2	3	13	15.1	7	----	53.8	----	----	----	----	----	----	1	----	----	----	----	4	1	----	----	----	----	4	----	3
Danbury,	19,475	33	3	6	21	12.9	6	2	38.0	----	----	----	----	----	----	----	----	----	----	----	4	----	4	2	----	2	1	1	7
Derby,	8,518	13	----	15	18	25.3	8	1	50.0	----	----	1	----	----	----	----	----	----	1	----	2	----	3	----	----	2	1	1	7
East Hartford,	6,991	16	----	2	1	1.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1
Enfield,	6,549	12	----	10	12	21.9	2	1	25.0	----	----	----	----	----	----	----	----	----	----	----	2	----	1	----	----	----	2	2	5
Greenwich,	12,784	27	----	7	24	22.5	5	1	25.0	----	----	----	----	----	----	----	----	1	----	----	8	1	2	----	----	2	----	----	10
Groton,	6,089	12	----	2	6	11.8	1	----	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	1	3
Hartford,	87,836	164	8	51	131	16.9	37	11	36.6	----	----	----	1	2	2	1	----	1	----	----	23	4	5	6	2	16	8	9	51
Huntington,	6,042	14	----	1	3	5.9	1	----	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2
Killingly,	6,777	9	1	5	5	8.8	1	----	20.0	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	2	----	1
Manchester,	11,315	19	----	5	16	16.9	9	----	56.2	----	----	----	----	----	1	----	----	----	----	----	7	----	1	----	----	----	3	----	4
Meriden,	29,677	64	1	14	32	12.9	9	1	31.2	----	----	----	----	----	----	----	----	----	----	1	6	2	3	----	----	3	2	2	13
Middletown,	18,170	24	2	8	41	21.7	14	1	36.5	----	----	----	----	----	----	----	----	----	----	----	9	2	7	2	----	6	2	2	11
Naugatuck,	11,838	43	1	10	26	26.3	15	1	61.5	----	----	----	----	----	----	----	----	1	----	----	10	1	2	----	----	2	2	2	6
New Britain,	30,960	88	6	32	41	15.5	16	3	46.3	----	----	----	1	----	----	----	----	2	----	----	8	----	----	----	----	8	3	3	16
New Haven,	114,622	281	13	84	158	16.0	49	5	34.1	----	----	----	1	1	----	----	1	3	1	----	25	5	21	5	4	13	9	8	61
New London,	18,685	40	----	22	39	24.4	12	2	35.8	----	----	----	----	1	----	----	----	----	----	----	10	2	5	2	----	6	1	4	8
New Milford,	5,070	8	----	1	5	11.8	----	1	20.0	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	1	----	1	1
Norwalk,	20,587	41	1	9	24	13.9	6	----	25.0	----	----	----	----	----	1	----	----	1	----	----	2	2	3	----	----	2	3	3	7
Norwich,	25,113	52	1	13	42	20.0	8	4	28.5	----	----	----	1	----	----	----	----	----	----	----	9	10	3	----	----	2	6	1	10
Orange,	7,732	19	1	2	7	10.8	3	----	42.8	----	----	----	----	----	----	----	----	1	1	----	2	----	1	----	----	1	----	----	1
Putnam,	7,599	13	----	4	8	12.6	1	1	25.0	----	----	----	----	----	----	----	----	1	----	----	2	----	----	----	----	----	2	----	3
Southington,	6,007	14	----	2	7	13.9	2	1	42.8	----	----	----	----	----	----	----	----	----	----	----	3	----	1	----	----	1	1	----	1
Stamford,	19,781	36	----	10	43	26.0	8	4	27.9	----	----	----	----	----	1	----	----	----	----	----	4	1	4	2	----	6	3	1	21
Stonington,	8,947	15	2	4	23	30.8	9	3	52.1	----	----	----	----	----	----	----	----	1	----	----	7	----	4	----	----	2	1	----	8
Thompson,	6,701	17	----	2	15	26.8	8	1	60.0	----	----	----	----	----	----	----	----	1	----	----	8	1	----	----	----	1	----	1	3
Torrington,	14,374	21	1	8	12	10.0	5	1	50.0	----	----	----	----	----	----	----	----	----	----	----	5	----	----	----	----	1	1	1	4
Vernon,	8,386	16	4	5	14	20.0	4	2	42.8	----	----	----	----	----	----	----	----	1	----	----	3	----	2	----	----	2	----	2	4
Wallingford,	9,726	17	----	7	18	22.2	9	----	50.0	----	----	----	----	----	----	----	----	----	----	----	6	2	3	----	----	----	----	----	7
Waterbury,	56,520	115	6	33	80	16.7	35	5	50.0	----	----	2	----	----	----	----	----	2	----	----	22	6	4	----	----	7	7	4	26
Winchester,	8,237	11	2	4	11	16.0	4	----	36.3	----	----	----	----	----	----	----	----	1	----	----	2	----	----	----	----	1	1	2	4
Windham,	10,168	26	4	4	10	11.8	3	----	30.0	----	----	----	----	----	----	----	----	----	----	----	3	----	----	----	----	1	1	----	5
Total of the 35 above towns,	718,795	1504	69	455	1026	17.1	344	67	40.0	----	----	3	3	5	5	2	1	17	3	1	242	46	95	19	7	94	70	57	356
132 towns of less than 5,000 inhabitants,	237,356	420	20	89	336	16.9	78	23	30.0	----	----	----	----	1	3	2	----	4	1	----	57	16	28	5	4	42	34	29	110
Total reported from 167 towns,	956,151	1924	89	544	1362	17.0	422	90	37.5	----	----	3	3	6	8	4	1	21	4	1	299	62	123	24	11	136	104	86	466
Population of town not reporting	597																												

The Mortality in Public Institutions of the State was: in Bridgeport, 16; in Hartford, 30; in Meriden, 3; in Middletown, 11; in New Britain, 4; in New Haven, 38; in New London, 8; in Norwalk, 1; in Norwich, 8; in Putnam, 2; in Stamford, 6; in Waterbury, 6; and in Winchester, 1. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in August: Andover, Bethlehem, Bolton, Canaan, Cheshire, Cornwall, Goshen, Hartland, Marlborough, Monroe, Morris, New Canaan, New Hartford, Roxbury, Salem, Scotland, Simsbury, Somers, South Windsor, Watertown—20.

The Registrar of Prospect has made no report for August.

REMARKS.

By Mortality Reports received there were 1,362 deaths during the month of August. This was 46 less than in July and 33 less than in August of last year, and 53 less than the average number of deaths in August for the five years preceding.

	1904	1903	1902	1901	1900	1899
January,	1440	1420	1172	1439	1367	1565
February,	1387	1303	1124	1381	1261	1192
March,	1525	1421	1239	1441	1691	1221
Total 1st quarter,	4352	4144	3535	4261	4319	3978
*April,	1377	1245	1191	1253	1678	1169
May,	1317	1265	1100	1056	1230	1025
June,	1129	1163	1061	1022	1121	1048
Total 2d quarter,	3823	3673	3352	3331	4029	3242
*July,	1408	1414	1394	1297	1583	1369
August,	1362	1395	1348	1310	1642	1382

The death-rate was 17.1 for the large towns, for the small towns 16.9, and for the whole State 17.0.

The deaths reported from infectious diseases were 412, being 30.2 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—Clinton, 1; Hartford, 5; Middletown (city), 1; New Haven, 1; New Milford, 4; Stamford (city), 1; Waterbury, 2.—Total, 15 in 7 towns.

Scarlet Fever.—Ansonia, 2; Bridgeport, 4; Bristol, 2; Derby, 4; Fairfield, 1; Glastonbury, 1; Groton, 2; Hartford, 3; Middletown (city), 2; New Britain (city), 3; New Canaan (town and borough), 3; New Haven, 1; Norwich (city), 1; Stamford (city), 1; Thompson, 1; Waterbury, 9; Woodbury, 4.—Total, 44 in 17 towns.

Cerebro-Spinal Fever.—Southington, 1.

Diphtheria and Croup.—Bridgeport, 7; Fairfield, 1; Hamden, 2; Hartford, 22; Litchfield (town and borough), 4; New Britain (city), 5; New Britain (town), 1; New Haven, 4; Newington, 2; Norwalk, 3; Ridgefield, 1; Rockville (city), 1; Sharon, 1; Shelton (borough), 3; Southbury, 1; Sprague, 1; Stafford, 4; Stamford (city), 8; Thompson, 1; Waterbury, 5; Windsor, 1; Windsor Locks, 7; Winsted (borough), 1.—Total, 86 in 22 towns.

Whooping Cough.—Hartford, 3; Stamford, 2; Union, 1.—Total, 6 in 3 towns.

Typhoid Fever.—Ansonia, 2; Bethel, 1; Bridgeport, 4; Bristol, 3; Chatham, 1; Darien, 1; Derby, 4; East Haven, 2; Enfield, 2; Glastonbury, 1; Greenwich (town and borough), 9; Groton (town), 1; Groton (borough), 1; Hamden, 2; Hartford, 29; Huntington, 1; Killingly, 1; Lebanon, 1; Madison, 1; Meriden, 1; Middletown (city), 1; Milford, 2; Montville, 1; Naugatuck, 9; New Britain (city), 2; New Haven, 32; Newington, 1; North Branford, 1; Norwalk (city), 2; Norwalk (town), 1; Old Saybrook, 3; Plainfield, 3; Plymouth, 1; Putnam, 6; Rockville (city), 2; Shelton (borough), 2; Southington, 1; South Norwalk (city), 1; Sprague, 2; Stafford Springs (borough), 2; Stamford (city), 5; Stonington, 1; Suffield, 1; Torrington, 3; Trumbull, 1; Waterbury, 9; Watertown, 2; West Hartford, 3; Willimantic (city), 1; Winchester, 2; Winsted (borough), 2.—Total, 173 in 47 towns.

Consumption.—Bridgeport, 5; Hartford, 3; Killingly, 1; Norwalk (city), 2; Old Saybrook, 1; Waterbury, 6.—Total, 18 in 6 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Barkhamsted, Beacon Falls, Berlin, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Branford (town and borough), Bridgewater, Brookfield, Brooklyn, Burlington, Canaan, Canterbury, Canton, Chaplin, Cheshire, Chester, Colchester, Colebrook, Columbia, Cornwall, Coventry, Cromwell, Danielson (borough), Durham, Eastford, East Granby, East Haddam, East Hartford, East Lyme, East Windsor, Ellington, Farmington, Franklin, Goshen, Granby, Griswold, Guilford, Haddam, Hampton, Hartland, Harwinton, Hebron, Jewett City (borough), Kent, Killingworth, Ledyard, Mansfield, Marlborough, Middlebury, Monroe, Morris, New Fairfield, New Hartford, New London, Norfolk, North Canaan, North Haven, North Stonington, Norwich, Old Lyme, Oxford, Plainville, Pomfret, Portland, Preston, Redding, Ridgefield (borough), Rocky Hill, Roxbury, Salisbury, Saybrook, Scotland, Seymour, Simsbury, Somers, South Windsor, Sterling, Stratford, Thomaston, Tolland, Voluntown, Wallingford, Warren, Waterford, Westbrook, West Haven (borough), Weston, Wethersfield, Willington, Wilton, Windham, Wolcott, Woodbridge, Woodstock.—Total, 100.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population.

Cerebro Spinal Fever.—Milford, 1.

Diphtheria and Croup.—Hamden, 1; Litchfield, 1; Stafford, 1.—Total, 3.

Whooping Cough.—Hamden, 1; Stratford, 1.—Total, 2.

Typhoid Fever.—Madison, 1; Milford, 1; Stafford 2.—Total, 4.

Consumption.—Berlin, 1; Bethel, 1; Colchester, 1; Cromwell, 1; Darien, 2; East Haddam, 1; Farmington, 2; Glastonbury, 1; Granby, 1; Lyme, 1; Madison, 1; North Stonington, 1; Portland, 1; Ridgefield, 1; Salisbury, 1; Sharon, 3; Stafford, 1; Stratford, 1; Voluntown, 1; Weston, 1; Wethersfield, 2; Wilton, 1; Woodbury, 1.—Total, 29.

All the Health Officers of Windham County have reported, but the Health Officers of the following Counties have not reported:

Hartford Co.—Manchester.

New Haven Co.—Meriden (city), Orange, Prospect.

New London Co.—Lisbon, Lyme, Salem, Stonington (borough).

Fairfield Co.—Danbury (town and city), Easton, Newtown, Sherman, Westport.

Litchfield Co.—Washington.

Middlesex Co.—Middletown (town), Essex, Middlefield.

Tolland Co.—Vernon.

TYPHOID FEVER.

Typhoid fever is endemic in Connecticut, as in most other States, with frequent local epidemics. Typhoid fever is one of the preventable diseases. The specific germ, its sole cause, is well known. The portal of infection through which it enters the system is the intestinal canal. Typhoid fever cannot be communicated through the air like small pox or measles. It is chiefly a water borne disease and enters the body with our drink and food. The source of the infection is the discharges from the intestines and bladder of a typhoid fever patient. Such are the simple facts upon which all efforts of prevention are based.

The season is now approaching when this disease is most prevalent. The State Board of Health has just issued a brief paper on the prevention of typhoid fever, by Dr. Wm. G. Daggett of New Haven, which had been submitted to the Connecticut Medical Society and referred by it to the attention of the Board.

Dr. Daggett in concise and terse terms states how the disease is contracted and suggests certain practical and reasonable methods of prevention.

The paper very briefly and truthfully mentions the enormous yearly expense incurred by the prevalence of this disease as a direct effect upon its victims. The State Board takes this occasion to add that the after consequences, to those who have apparently recovered, are of very serious import.

The Life Insurance Companies have determined that persons who have had typhoid fever are much more susceptible to consumption than those who have not had it. Recent investigations have also seemed to show that those who have passed through this disease and survived, are more liable afterwards to organic diseases of the arteries, of an incurable and fatal nature. These are important and serious considerations.

The suggestions of Dr. Daggett are eminently practical, and if faithfully and universally adopted can scarcely fail of success.

To secure that result requires the hearty and intelligent coöperation of every public spirited citizen in the State.

It is not a *money making* enterprise. But it is an investment as a *money saving* scheme that is sure to pay more than cent per cent on the capital employed.

The $25,000,000 expended in the last decade in Connecticut by reason of typhoid fever would have been doubly ample to pay for all that is required to prevent this costly and fatal malady.

The paper on "The Prevention of Typhoid Fever" can be had on application to the Secretary of the Connecticut State Board of Health.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and Superintendent of Vital Statistics.

New Haven, September 15, 1904.

*One delayed Certificate for April and three for July have been received since the publication of the last Bulletin.

METEOROLOGICAL REPORT FOR THE MONTH OF AUGUST, 1904.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

Date	Barometer.† 8 A.M.	Barometer.† 8 P.M.	Temperature.‡ 8 A.M.	Temperature.‡ 8 P.M.	Temperature.‡ Daily Mean of Max. and Min.	Temperature.‡ Maximum.	Temperature.‡ Minimum.	Temperature.‡ Range.	Relative Humidity.‖ 8 A.M.	Relative Humidity.‖ 8 P.M.	Wind. 8 A.M. Direction from	Wind. 8 A.M. Vel. in m. per h.	Wind. 8 P.M. Direction from	Wind. 8 P.M. Vel. in m. per h.	Wind. Daily Movement.	Wind. Max. velocity for a single Mile.	Precipitation.* Am't inc. melted snow Inches and 100ths.	Character of Weather. 8 A.M.	Character of Weather. 8 P.M.	Character of Day.
1	30.02	30.01	75	72	77	83	71	12	86	87	S W	8	S	6	212	25	.02	Cloudy	Cloudy	Cloudy
2	29.95	29.98	73	67	69	74	64	10	95	92	S E	1	W	4	96	12	0.62	Cloudy	Cloudy	Cloudy
3	30.01	30.05	69	73	71	80	62	18	81	88	N	8	S	6	137	12	.0	Clear	Clear	Clear
4	30.14	30.15	69	70	72	76	67	9	88	86	E	2	S	12	184	17	.0	Cloudy	Cloudy	Partly Cl'dy
5	30.11	29.98	70	71	71	74	68	6	90	94	S	8	S E	8	237	17	.13	Sprinkling	Cloudy	Partly Cl'dy
6	29.85	29.80	72	76	76	83	70	13	93	76	S W	2	S W	10	169	17	.03	Cloudy	Clear	Partly Cl'dy
7	29.90	29.96	74	76	75	84	66	18	70	68	S E	2	S W	5	134	17	.0	Clear	Cloudy	Clear
8	29.99	30.15	65	70	70	76	63	13	95	64	N E	6	N	10	151	17	.26	Light Rain	Cloudy	Cloudy
9	30.43	30.44	62	66	66	74	57	17	79	61	N	6	S E	4	135	13	.0	Partly Cl'dy	Partly Cl'dy	Clear
10	30.35	30.12	59	68	64	73	56	17	94	97	N E	8	N E	2	165	24	1.74	Light Rain	Cloudy	Cloudy
11	30.04	30.07	72	73	74	82	65	17	88	56	W	4	N	10	217	24	.28	Cloudy	Clear	Partly Cl'dy
12	30.17	30.24	65	67	67	74	60	14	72	80	N	12	E	6	184	20	.0	Clear	Cloudy	Clear
13	30.22	30.03	65	67	64	72	56	16	72	87	S E	2	S	13	180	18	.0	Clear	Cloudy	Partly Cl'dy
14	29.88	29.77	70	68	68	72	65	7	85	90	S	11	S E	3	183	21	.02	Cloudy	Clear	Partly Cl'dy
15	29.82	29.91	69	76	72	83	62	21	67	58	N W	7	W	5	163	15	.0	Clear	Clear	Clear
16	29.95	29.87	68	70	70	77	62	15	95	95	E	3	S	3	89	11	.02	Cloudy	Cloudy	Partly Cl'dy
17	29.87	29.91	71	76	76	84	67	17	86	68	S W	8	W	9	155	13	.0	Clear	Partly Cl'dy	Clear
18	29.96	30.08	72	65	68	78	58	20	67	52	W	8	N	9	202	17	.0	Clear	Clear	Clear
19	30.22	30.23	62	66	62	74	51	23	59	55	N	8	S	10	193	20	.0	Clear	Cloudy	Partly Cl'dy
20	30.04	29.81	64	72	68	75	61	14	97	100	S E	22	S W	19	397	32	3.11	Heavy Rain	Light Rain	Cloudy
21	29.98	30.06	70	72	73	80	66	14	71	75	N W	10	N W	3	189	20	.04	Clear	Clear	Clear
22	30.11	30.01	69	72	68	79	58	21	81	84	S E	3	S	11	200	22	.0	Clear	Cloudy	Clear
23	30.17	30.22	66	65	66	77	55	22	71	61	N E	14	N	5	243	22	T	Clear	Clear	Clear
24	30.25	30.15	64	70	66	79	53	26	80	76	N	4	S	8	157	14	.0	Clear	Clear	Clear
25	30.09	29.90	69	70	69	77	61	16	74	82	S W	12	S	13	298	26	.0	Clear	Clear	Clear
26	29.86	30.11	72	61	64	73	55	18	65	58	N	10	N W	10	271	27	.0	Cloudy	Clear	Clear
27	30.23	30.15	59	66	60	70	50	20	70	66	N	8	S W	7	142	12	.0	Clear	Partly Cl'dy	Clear
28	30.15	30.03	62	68	64	75	53	22	72	64	N	3	S W	6	141	15	.0	Clear	Clear	Partly Cl'dy
29	29.99	30.03	66	70	70	81	58	23	71	59	S W	3	N	8	155	15	.0	Clear	Partly Cl'dy	Clear
30	30.19	30.19	59	64	63	71	55	16	65	64	N W	12	S E	14	227	17	.0	Partly Cl'dy	Clear	Clear
31	30.20	30.22	63	68	64	73	56	17	67	66	N	2	S W	13	122	12	.0	Clear	Cloudy	Partly Cl'dy
Month Ave's.	30.07	30.05	67	70	69	77	60	17	79	74	N	7	S	8	185	32	6.27			

SUMMARY.

Barometer.

Monthly Mean, 30.06 inches.

Highest, 30.44 in.; Date, 9.

Lowest, 29.77 in.; Date, 14.

Monthly range, .67 inches.

Temperature.

Monthly Mean, 69 degrees.
Highest, 84 degrees; Date, 7.
Lowest, 50 degrees; Date, 27.
Absolute range, 34 degrees.
Greatest daily range, 26 degrees; Date, 24.
Least daily range, 6 deg.; Date, 5.
Mean daily range, 17 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 424 degrees.

Wind.

Prevailing direction, S.
Mean hourly velocity, 8 miles.
Max. velocity and direction, 29 S; Date, 20.
Total monthly movement, 5,728 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 12.
*Greatest 24 hour precipitation, (in. and 100ths), 3.15; Date, 20.
Total monthly precipitation, (in. and 100ths), 6.27 in.
Total depth of snowfall (in.), 0.
Dates of thunder storms, 1, 2, 8, 10, 16.
Accumulated deficiency of precipitation since Jan. 1st, 3.97 inches.

Compar. Temp. (Mon. Mean.)				Com. Rainfall. (Inches and 100ths.)			
1873---69 deg.	1889---68 deg.			1873---9.90	1889---4.38		
1874---68 "	1890---69 "			1874---12.99	1890---2.67		
1875---71 "	1891---71 "			1875---5.56	1891---3.14		
1876---72 "	1892---71 "			1876---1.20	1892---4.99		
1877---73 "	1893---71 "			1877---5.69	1893---4.86		
1878---71 "	1894---69 "			1878---4.93	1894---1.79		
1879---68 "	1895---71 "			1879---9.40	1895---3.91		
1880---70 "	1896---71 "			1880---8.14	1896---2.57		
1881---72 "	1897---69 "			1881---2.51	1897---6.81		
1882---70 "	1898---72 "			1882---0.26	1898---6.65		
1883---68 "	1899---70 "			1883---1.26	1899---0.65		
1884---70 "	1900---73 "			1884---5.60	1900---0.90		
1885---69 "	1901---72 "			1885---8.13	1901---6.92		
1886---69 "	1902---69 "			1886---4.56	1902---2.14		
1887---68 "	1903---65 "			1887---4.80	1903---6.96		
1888---70 "	1904---69 "			1888---7.10	1904---6.27		

Monthly mean humidity, 77 per cent. Monthly mean dew point, 60. Number of clear days, 16. Number of fair days, 10. Number of cloudy days, 5.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVIII. No. 9.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SECTY.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF SEPTEMBER, 1904

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of September, 1904, and a Statement of the Births and Marriages for the Month of August, 1904.

Total estimated population of the State is 973,177.

TOWNS.	Estimated Population.	Living Births in Aug.	Still Births in Aug.	Marriages in Aug.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,616	47	1	9	17	14.9	2	1	17.6	----	----	----	----	----	----	----	----	----	----	----	1	1	4	3	----	1	2	----	5
Branford,	6,204	16	----	1	4	7.7	1	----	25.0	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	----	----	2
Bridgeport,	79,848	203	7	46	104	14.8	31	5	34.6	----	----	----	----	1	----	1	----	3	----	----	12	1	12	3	2	11	9	4	45
Bristol,	10,547	23	2	8	15	17.0	3	2	33.3	----	----	----	----	----	----	----	----	----	----	----	4	----	3	1	----	3	----	1	3
Danbury,	19,475	27	----	7	20	12.3	5	2	35.0	----	----	----	----	----	----	----	----	----	----	----	3	2	2	----	----	2	4	----	7
Derby,	8,714	22	----	8	8	11.0	2	----	25.0	----	----	1	----	----	----	----	----	1	----	----	----	----	1	----	----	----	----	----	5
East Hartford,	7,186	12	----	4	6	10.0	2	----	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	4
Enfield,	6,499	18	----	7	6	11.0	2	----	33.3	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	----	1	----	1	1
Greenwich,	12,988	21	----	7	21	19.4	6	----	28.5	----	----	----	----	----	----	----	----	1	----	----	2	1	2	----	1	1	----	4	9
Groton,	6,130	17	1	6	10	19.5	2	----	20.0	----	----	----	----	----	1	----	----	----	1	----	1	----	----	----	----	1	----	----	6
Hartford,	90,498	188	7	52	106	13.2	22	14	33.9	----	----	----	----	1	7	2	----	----	----	----	14	----	11	5	1	13	14	8	30
Huntington,	6,198	11	----	----	2	3.8	1	----	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2
Killingly,	6,759	11	----	6	6	10.6	2	----	33.3	----	----	----	----	----	----	----	----	----	----	----	2	1	----	----	----	1	1	----	1
Manchester,	11,552	24	1	3	7	7.2	2	1	42.8	----	----	----	----	1	----	----	----	----	----	----	1	1	1	----	----	1	1	----	1
Meriden,	30,003	71	2	11	29	11.5	7	2	31.0	----	----	----	----	----	----	----	----	----	----	----	3	----	3	1	1	3	2	----	16
Middletown,	18,398	39	1	11	41	16.9	12	2	34.1	----	----	----	----	----	----	----	----	----	----	----	3	----	9	2	2	8	3	1	13
Naugatuck,	12,270	54	2	11	11	10.7	3	----	27.2	----	----	----	----	----	----	----	----	1	----	----	3	----	1	----	----	2	----	----	4
New Britain,	31,880	85	2	29	38	14.3	18	4	57.8	----	----	----	----	----	2	----	----	----	----	----	9	1	2	----	----	6	1	2	15
New Haven,	116,820	258	6	66	143	13.5	34	12	32.1	----	1	----	----	1	1	2	----	3	4	----	16	6	11	5	2	18	9	8	56
New London,	19,064	40	3	15	28	17.6	10	----	35.7	----	----	----	----	----	----	----	----	----	----	----	5	3	2	----	----	4	2	----	12
New Milford,	5,158	10	----	4	4	9.3	1	----	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	2
Norwalk,	20,806	39	1	12	20	11.5	----	----	----	----	----	----	1	----	----	----	----	2	----	----	----	2	2	2	2	1	3	1	4
Norwich,	25,272	54	4	14	28	12.8	8	1	32.1	----	----	----	1	----	----	----	----	----	----	----	5	1	2	3	2	4	1	2	7
Orange,	7,978	21	----	4	7	10.5	2	----	28.5	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	1	1	1	3
Putnam,	7,682	18	1	3	11	17.1	6	1	63.6	----	----	----	----	----	1	----	----	----	----	----	3	1	1	----	----	----	----	----	5
Southington,	6,045	14	2	2	8	15.8	3	----	37.5	----	----	----	----	1	----	----	----	----	----	----	3	----	----	----	----	1	1	----	2
Stamford,	20,094	37	1	6	36	20.3	3	4	19.4	----	----	----	----	----	2	----	----	----	----	----	4	3	5	1	1	4	6	3	7
Stonington,	9,082	16	1	5	13	17.1	6	----	46.1	----	----	----	----	----	----	----	----	----	----	----	2	1	----	----	----	1	1	----	8
Thompson,	6,786	13	1	4	9	15.9	6	----	66.6	----	----	----	----	----	----	----	1	----	----	----	4	----	1	----	----	----	----	----	3
Torrington,	15,015	28	1	11	11	8.7	3	----	27.2	----	----	----	----	----	----	----	----	----	----	----	2	----	1	1	----	2	2	1	2
Vernon,	8,353	8	----	----	11	15.8	3	2	45.4	----	----	----	----	----	----	----	----	----	----	----	1	1	1	----	----	----	----	3	5
Wallingford,	9,967	16	1	----	11	13.2	6	----	54.5	----	----	----	----	----	----	----	----	----	----	----	3	----	1	----	----	----	2	1	4
Waterbury,	58,313	163	10	32	69	13.7	23	6	42.0	----	----	----	1	1	2	1	----	----	----	----	12	1	5	1	1	8	5	1	30
Winchester,	8,395	22	----	3	8	10.0	1	1	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	1	4
Windham,	10,179	23	----	6	12	14.1	8	----	66.6	----	----	----	----	----	----	----	----	1	----	----	3	----	1	----	----	----	----	1	6
Total of the 35 above towns,	733,774	1671	58	413	880	14.3	246	60	34.7	----	1	1	3	6	17	6	1	12	5	----	122	28	86	28	15	102	72	46	329
133 towns of less than 5,000 inhabitants,	239,403	372	11	75	287	14.3	50	20	24.3	----	----	----	1	1	4	----	----	6	----	----	36	5	17	3	6	32	39	22	115
Total reported from 168 towns,	973,177	2043	69	488	1167	14.3	296	80	32.2	----	1	1	4	7	21	6	1	18	5	----	158	33	103	31	21	134	111	68	444

The Mortality in Public Institutions of the State was: in Bridgeport, 12; in Danbury, 2; in Hartford, 28; in Meriden, 1; in Middletown, 16; in New Britain, 5; in New Haven, 31; in New London, 2; in Norwalk, 3; in Norwich, 9; in Stamford, 4; in Waterbury, 5; and in Winchester, 1. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in September: Andover, Ashford, Beacon Falls, Bethany, Bethlehem, Bolton, Bozrah, Burlington, Cheshire, Columbia, Ellington, Franklin, Goshen, Hampton, Lyme, Marlborough, New Fairfield, Norfolk, North Stonington, Rocky Hill, Roxbury, Salem, Scotland, Union, Voluntown, Warren, Weston, Wolcott, Woodstock—29.

REMARKS.

By Mortality Reports received there were 1,167 deaths during the month of September. This was 195 less than in August and 7 more than in September of last year, and 27 less than the average number of deaths in September for the five years preceding.

	1904	1903	1902	1901	1900	1899
January,	1440	1420	1172	1439	1367	1565
February,	1387	1303	1124	1381	1261	1192
March,	1525	1421	1239	1441	1691	1221
Total 1st quarter,	4352	4144	3535	4261	4319	3978
April,	1377	1245	1191	1253	1678	1169
May,	1317	1265	1100	1056	1230	1025
June,	1129	1163	1061	1022	1121	1048
Total 2d quarter,	3823	3673	3352	3331	4029	3242
*July,	1409	1414	1394	1297	1583	1369
August,	1362	1404	1348	1310	1642	1382
September,	1167	1160	1166	1235	1270	1142
Total 3d quarter,	3938	3978	3908	3842	4495	3893

The death-rate was 14.3 for the large towns, for the small towns 14.3, and for the whole State 14.3.

The deaths reported from infectious diseases were 255, being 21.8 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Manchester, 2.

Measles.—Bridgeport, 1; Brookfield, 2; East Windsor, 1.—Total, 4 in 3 towns.

Scarlet Fever.—Bridgeport, 4; Derby, 1; Glastonbury, 2; Greenwich, 3; Killingly, 3; Manchester, 3; Middletown (city), 3; Middletown (town), 1; New Britain (city), 7; New Britain (town), 1; New Canaan (town and borough), 2; New Haven, 3; Rockville (city), 2; Stamford (city), 4; Stamford (town), 1; Thompson, 1; Willimantic (city), 1; Windsor, 2.—Total, 44 in 15 towns.

Cerebro-Spinal Fever.—Hartford, 1.

Diphtheria and Croup.—Bethel, 5; Bridgeport, 11; East Windsor, 1; Fairfield, 1; Farmington, 1; Greenwich, 3; Groton, 1; Hartford, 21; Harwinton, 3; Manchester, 5; Meriden (city), 1; Naugatuck, 3; New Britain (city), 14; New Haven, 6; Norwalk (city), 3; Norwalk (town), 4; Norwich (city), 2; Putnam, 1; Redding, 1; Shelton (borough), 1; Sprague, 2; Stafford, 5; Stamford (city), 16; Wallingford, 1; Windsor Locks, 3—Total, 115 in 24 towns.

Whooping Cough.—Bridgeport, 1; Middletown, 2.—Total, 3 in 2 towns.

Typhoid Fever.—Ansonia, 2; Barkhamsted, 1; Bloomfield, 1; Branford, 1; Bridgeport, 24; Bristol, 3; Canterbury, 1; Clinton, 1; Colebrook, 1; Derby, 3; Eastford, 1; East Granby, 1; East Hartford, 1; Glastonbury, 1; Greenwich, 2; Groton (borough), 1; Guilford, 1; Hamden, 1; Hartford, 11; Huntington, 1; Madison, 1; Manchester, 3; Meriden, 1; Middletown (city), 2; Milford, 1; New Britain (city), 1; New Haven, 23; North Branford, 1; Norwalk (city), 3; Norwalk (town), 1; Norwich (city), 4; Norwich (town), 1; Old Saybrook, 1; Plainfield, 1; Pomfret, 1; Putnam, 2; Ridgefield, 1; Rockville (city), 2; Rocky Hill, 1; Seymour, 1; Simsbury, 5; Sprague, 1; Stamford (city), 7; Suffield, 1; Torrington (town and borough), 2; Trumbull, 1; Wallingford, 2; West Hartford, 1; West Haven (borough), 2; Willimantic (city), 5.—Total, 138 in 49 towns.

Consumption.—Ansonia, 1; Branford, 1; Bridgeport, 5; Hartford, 3; New Britain (city), 1; Norwalk, 1; Seymour, 1; Shelton (borough), 1; Stamford (city), 1; Thompson, 1.—Total, 16 in 10 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Beacon Falls, Berlin, Bethany, Bethlehem; Bolton, Bozrah, Brooklyn, Burlington, Canaan, Chaplin, Chatham, Cheshire, Chester, Colchester (town and borough), Columbia, Cornwall, Cromwell, Danielson (borough), Durham, East Haddam, East Haven, East Lyme, Enfield, Essex, Franklin, Goshen, Granby, Griswold, Haddam, Hartland, Hebron, Jewett City (borough), Kent, Killingworth, Ledyard, Lisbon, Litchfield, Lyme, Mansfield, Marlborough, Middlebury, Monroe, Montville, Morris, New Fairfield, New Hartford, New London, New Milford, Newtown, Norfolk, North Canaan, North Haven, North Stonington, Old Lyme, Orange, Oxford, Plainville, Plymouth, Prospect, Ridgefield, (borough), Roxbury, Salem, Salisbury, Saybrook, Scotland, Sharon, Sherman, Somers, Southbury, South Windsor, Sterling, Stratford, Thomaston, Tolland, Union, Voluntown, Warren, Waterford, Watertown, Westbrook, Weston, Westport, Wethersfield, Willington, Wilton, Windham, Winsted (borough), Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 94.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

La Grippe.—Sprague, 1.

Cerebro-Spinal Fever.—Granby, 1.

Diphtheria and Croup.—Bethel, 1; Haddam, 1; Harwinton, 1; Windsor Locks, 1.—Total, 4.

Typhoid Fever.—Bloomfield, 1; Clinton, 1; Eastford, 1; Killingworth, 1; Waterford, 1; Westport, 1.—Total, 6.

Consumption.—Bethel, 1; Canton, 2; Cornwall, 1; Darien, 1; Fairfield, 1; Glastonbury, 1; Newton, 1; Plainfield, 1; South Windsor, 1; Stafford, 1; Suffield, 1; Thomaston, 1; Trumbull, 1; West Hartford, 1; Wethersfield, 2.—Total, 17.

The Health Officers of the following Towns have not reported:

HARTFORD CO.—Canton, Newington, Southington (town and borough).

NEW HAVEN CO.—Waterbury.

NEW LONDON CO.—Lebanon, Preston, Stonington (town and borough).

FAIRFIELD CO.—Danbury (city and town), Darien Easton, South Norwalk (city).

WINDHAM CO.—Hampton.

LITCHFIELD CO.—Bridgewater, Washington, Winchester.

MIDDLESEX CO.—Middlefield, Portland.

TOLLAND CO.—Coventry, Ellington, Stafford Springs (borough), Vernon.

PNEUMONIA.

The steady and alarming increase of pneumonia, not only in Connecticut but generally throughout the country, deserves the serious and studious consideration of the medical profession and sanitary experts.

Although the most fatal now of all acute diseases, and recognized as an infectious disease, and therefore communicable from the sick to the well, but little is known, and still less is practiced, of the means of prevention. The fact of its frequent and prompt repetition in families is evidence of its transmissible nature. The infection is the *pneumococcus bacillus*, and is found outside the body only in the excretions of the air passages.

In the effort to avoid pneumonia two facts should be kept prominently in mind.

First: The disease is due to a specific infection, in the absence of which it does not occur.

Second: This infection exists in the excretions from the mouth and nose of the patient.

After its discharge from the patient, it can maintain its vitality for a long period. "The organism has been found in the dust and sweepings of rooms." "It persists for months and even years in the saliva of persons who have had pneumonia."—*Osler*.

Hence all precautionary measures relate to the destruction of this infection. The attendants upon pneumonic patients should carefully receive all the discharges from mouth or nose upon cloths or in proper receptacles and immediately destroy them by fire, burning or boiling, because they contain the living organism capable of causing the disease in others. The hands of the nurse if soiled at all should be carefully washed with soap and water and always before eating. All table utensils, napkins, etc., should at once after use be subject to boiling water. The bedding and clothing of the patient on removal should be immediately disinfected by boiling or otherwise. The room after death or recovery should be as thoroughly disinfected as after other infectious diseases. Thus much for the care of the sick.

How can the well protect themselves? From the above facts it is evident that we may daily be exposed to pneumonic infection—in the cars, in the stores, in lecture rooms, in the theatre, possibly even in a social call upon our friends. Nature has endowed us with powers resistive to morbific influences, hence a person in full health with all his functions in normal action will seldom be affected. Therefore the safety of the individual depends upon personal hygiene; the avoidance of excesses, regular meals, proper clothing, non-exposure to extremes of cold and wet, rational exercise in the open air in good weather, cleanliness of person and frequent bathing. Special attention should be given to catarrhs and affections of the throat. Cleansing sprays and washings of the mouth and nostrils, brushing the teeth, a copious drink of water after meals, and gargles should be practiced daily. Pneumonia is peculiarly a disease of the aged, hence these precautions are distinctively important to them.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, October 15, 1904.

* One delayed Certificate for July has been received since the publication of the last Bulletin.

METEOROLOGICAL REPORT FOR THE MONTH OF SEPTEMBER, 1904.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡					RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
										8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.27	30.21	59	68	64	72	57	15	70	74	N	10	S	17	251	19	.0	Cloudy	Partly Cl'dy	Partly Cl'dy
2	30.14	30.13	69	71	72	78	65	13	81	88	S	7	S	10	198	16	T	Cloudy	Cloudy	Partly Cl'dy
3	30.09	29.98	70	72	74	78	69	9	90	93	S	12	S	9	183	19	.0	Cloudy	Cloudy	Cloudy
4	29.94	29.99	71	66	70	81	60	21	93	66	W	3	N W	5	165	19	.02	Cloudy	Clear	Partly Cl'dy
5	30.04	30.05	60	66	63	71	55	16	75	75	N	3	W	3	143	12	.0	Partly Cl'dy	Clear	Partly Cl'dy
6	30.27	30.28	56	59	60	69	51	18	62	70	N	14	W	2	155	15	.0	Clear	Clear	Clear
7	30.23	30.15	59	63	60	71	48	23	78	67	N E	3	S W	9	143	14	.0	Partly Cl'dy	Clear	Clear
8	30.07	30.08	63	62	63	78	57	21	77	89	W	7	N E	8	183	21	.12	Clear	Light Rain	Cloudy
9	30.14	30.19	58	54	56	60	52	8	94	94	N E	13	N E	12	286	20	.04	Cloudy	Cloudy	Cloudy
10	30.22	30.20	55	63	59	67	51	16	91	87	N	12	S E	12	143	12	.0	Cloudy	Cloudy	Cloudy
11	30.18	30.01	65	69	66	74	57	17	77	93	E	4	S E	2	85	8	T	Clear	Cloudy	Partly Cl'dy
12	29.99	30.09	67	68	72	80	63	17	83	97	S W	8	N	5	214	17	.50	Clear	Cloudy	Clear
13	30.30	30.35	59	64	64	68	59	9	67	74	N	11	E	6	232	18	.0	Cloudy	Cloudy	Cloudy
*14	30.25	29.94	60	72	66	73	59	14	94	95	N E	8	S E	22	247	32	.47	Cloudy	Cloudy	Cloudy
15	29.79	30.19	51	55	60	71	49	22	97	75	N W	16	W	3	299	49	3.49	Cloudy	Clear	Partly Cl'dy
16	30.24	30.09	54	60	56	67	44	23	73	79	N	4	S W	9	198	17	.0	Clear	Clear	Clear
17	30.04	30.05	61	66	66	76	55	21	78	87	S W	10	S W	6	166	17	.0	Clear	Clear	Clear
18	30.09	30.00	65	68	68	79	57	22	86	90	S W	10	S	8	212	25	.0	Clear	Clear	Clear
19	30.06	30.15	67	66	69	77	61	16	85	81	N	7	S E	5	138	15	.0	Partly Cl'dy	Cloudy	Partly Cl'dy
20	30.13	29.93	64	66	64	70	59	11	80	96	E	8	S	4	134	15	.04	Partly Cl'dy	Cloudy	Cloudy
21	30.19	30.35	50	46	51	63	39	24	67	56	N	15	N W	16	363	25	.0	Clear	Clear	Clear
22	30.54	30.58	42	46	46	57	34	23	47	58	N E	12	N W	6	186	21	.0	Clear	Clear	Clear
23	30.62	30.46	43	56	47	60	34	26	66	60	N E	9	S W	14	226	18	.0	Clear	Clear	Clear
24	30.27	29.97	56	64	59	66	52	14	88	84	S W	7	S	16	329	26	T	Misting	Cloudy	Cloudy
25	29.88	29.90	62	70	66	78	60	18	89	79	S W	7	N	4	150	10	.07	Partly Cl'dy	Cloudy	Partly Cl'dy
26	29.90	29.84	60	64	62	68	56	12	81	95	N E	4	N E	2	110	12	T	Clear	Clear	Partly Cl'dy
27	29.96	30.04	60	64	62	71	52	19	81	81	N	6	S W	6	124	13	.0	Clear	Cloudy	Partly Cl'dy
28	30.18	30.24	59	59	59	65	53	12	83	78	N E	6	S E	4	120	9	.0	Cloudy	Clear	Cloudy
29	30.17	29.80	64	66	59	67	51	16	70	92	S	15	S	11	248	24	.05	Partly Cl'dy	Cloudy	Cloudy
30	29.64	29.59	66	62	67	76	58	18	92	36	S W	4	N W	24	319	41	.16	Cloudy	Clear	Partly Cl'dy
Month Ave's.	30.13	30.09	60	63	63	71	54	17	80	80	N	8	S	8	198	49	4.96			

SUMMARY.

BAROMETER.

Monthly Mean, 30.11 inches.

Highest, 30.62 in.; Date, 23.

Lowest, 29.59 in.; Date, 30.

Monthly range, 1.03 inches.

TEMPERATURE.

Monthly Mean, 62 degrees.
Highest, 81 degrees; Date, 4.
Lowest, 34 degrees; Date, 22.
Absolute range, 47 degrees.
Greatest daily range, 26 degrees; Date, 23.
Least daily range, 8 deg.; Date, 9.
Mean daily range, 17 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 450 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 8 miles.
Max. velocity and direction, 37 W; Date 30.
Total monthly movement, 5,956 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 14.
*Greatest 24 hour precipitation, (in. and 100ths), 3.96; Date, 14, 15.
Total monthly precipitation, (in. and 100ths), 4.96 in.
Total depth of snowfall (in.), 0.
Dates of thunder storms, 8, 12, 15.
Accumulated deficiency of precipitation since Jan. 1st, 2.72 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---62 deg.	1889---63 deg.	1873---2.12	1889---4.08
1874---64 "	1890---63 "	1874---4.07	1890---5.38
1875---61 "	1891---66 "	1875---2.10	1891---3.96
1876---61 "	1892---62 "	1876---5.34	1892---1.54
1877---65 "	1893---60 "	1877---1.13	1893---2.24
1878---65 "	1894---66 "	1878---7.67	1894---4.63
1879---60 "	1895---66 "	1879---2.13	1895---2.51
1880---64 "	1896---63 "	1880---3.73	1896---3.42
1881---70 "	1897---63 "	1881---1.45	1897---2.42
1882---65 "	1898---67 "	1882---13.43	1898---2.30
1883---61 "	1899---62 "	1883---2.43	1899---3.33
1884---67 "	1900---67 "	1884---1.41	1900---2.10
1885---62 "	1901---64 "	1885---0.77	1901---5.70
1886---64 "	1902---63 "	1886---2.35	1902---5.84
1887---59 "	1903---63 "	1887---2.21	1903---2.20
1888---61 "	1904---62 "	1888---7.68	1904---4.96

COM. RAINFALL. (Inches and 100ths.)

Monthly mean humidity, 80 per cent. Monthly mean dew point, 55. Number of clear days, 9. Number of fair days, 11. Number of cloudy days, 10.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVIII NO. 10.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. McKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF OCTOBER, 1904

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T. M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of October, 1904, and a Statement of the Births and Marriages for the Month of September, 1904.

Total estimated population of the State is 973,177.

TOWNS.	Estimated Population.	Living Births in Sept.	Still Births in Sept.	Marriages in Sept.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,616	39	----	14	12	10.5	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	4	----	----	1	2	1	2
Branford,	6,204	15	2	5	8	15.4	1	1	25.0	----	----	----	----	----	----	----	----	----	1	----	----	----	1	----	----	1	1	1	3
Bridgeport,	79,848	186	4	57	100	14.4	19	10	29.0	----	----	----	----	1	2	----	2	3	----	----	7	1	5	10	----	6	11	9	43
Bristol,	10,547	20	----	3	7	7.9	1	1	28.5	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	1	1	1	1	1
Danbury,	19,475	29	2	13	36	22.1	2	2	11.1	----	----	----	----	----	3	----	----	----	1	----	1	----	3	2	2	8	6	2	8
Derby,	8,714	23	----	6	14	19.2	4	1	37.5	----	----	1	----	----	----	----	----	2	----	----	----	----	----	1	----	1	5	1	3
East Hartford,	7,186	17	1	5	4	6.6	----	----	35.7	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1	----	----	----	1	1
Enfield,	6,499	6	----	7	9	16.6	2	----	22.2	----	----	----	----	----	----	----	----	----	----	----	1	1	1	----	----	----	1	2	3
Greenwich,	12,988	22	1	7	17	15.7	5	2	41.1	----	----	----	----	----	----	1	----	----	----	----	2	----	----	----	----	2	----	4	8
Groton,	6,130	8	----	3	12	23.4	4	----	33.3	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	2	4	1	4
Hartford,	90,498	147	6	61	104	12.0	20	7	25.9	----	----	----	----	1	2	----	----	1	----	----	3	1	12	11	----	10	10	7	46
Huntington,	6,198	16	----	----	6	11 6	1	----	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	1	1
Killingly,	6,759	10	----	6	5	8.8	2	----	40.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	2
Manchester,	11,552	31	----	11	7	7 2	3	----	42.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	4
Meriden,	30,003	55	2	14	33	12 7	5	----	15.1	----	----	----	2	----	----	----	----	1	----	----	1	----	6	1	2	----	4	2	14
Middletown,	18,398	37	1	12	31	14.3	5	1	19.3	----	----	----	----	----	1	----	----	----	1	----	1	1	1	----	----	8	6	3	9
Naugatuck,	12,270	30	----	2	9	8.8	3	1	44.4	----	----	----	----	----	----	----	----	----	----	----	----	1	2	1	----	2	----	----	3
New Britain,	31,880	89	----	42	31	11.6	8	3	35.4	----	----	----	----	----	----	----	----	----	----	----	2	----	4	1	2	3	2	2	15
New Haven,	116,820	281	9	97	163	15.7	23	10	20.2	----	----	----	----	1	4	1	----	3	----	----	4	----	14	14	1	17	18	14	72
New London,	19,064	29	----	24	32	19.5	7	3	31.2	----	----	----	----	----	----	----	----	----	----	----	2	----	1	2	2	3	6	3	13
New Milford,	5,158	6	----	1	8	18.6	1	----	12.5	----	----	----	----	----	----	----	----	----	----	----	1	----	2	----	----	2	1	----	2
Norwalk,	20,806	38	1	13	19	10.9	2	----	10.5	----	----	----	1	----	----	----	----	----	----	----	----	1	1	1	1	2	----	3	9
Norwich,	25,272	53	1	25	34	15.1	6	2	23.5	----	----	----	----	----	----	----	----	1	----	----	3	----	----	----	----	2	4	1	19
Orange,	7,978	14	----	2	8	12.0	1	----	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	3	2	2
Putnam,	7,682	13	----	6	8	12.4	3	----	37.5	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	----	6
Southington,	6,045	12	----	2	5	9.9	3	----	60.0	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	----	1	----	----	2
Stamford,	20,094	32	1	12	26	15.5	4	1	19 2	----	----	----	----	----	3	----	----	1	----	----	1	----	1	2	----	4	4	1	9
Stonington,	9,082	25	----	7	13	17.1	----	1	7.6	----	----	----	----	1	----	----	----	----	----	----	----	1	2	----	----	----	2	1	6
Thompson,	6,786	10	1	2	7	12.3	1	----	14.2	----	----	----	----	----	----	----	----	1	----	----	1	----	1	1	1	1	----	----	1
Torrington,	15,015	25	1	14	15	11.9	1	1	13.3	----	----	----	----	----	1	----	----	----	----	----	1	----	3	----	----	3	1	2	4
Vernon,	8,353	14	1	10	10	14.3	1	----	10.0	----	----	1	----	----	----	----	----	----	----	----	----	----	1	----	1	2	1	1	4
Wallingford,	9,967	20	----	7	10	12.0	4	1	50.0	----	----	----	----	----	----	----	----	1	----	----	1	----	----	----	----	1	----	2	5
Waterbury,	58,313	158	5	41	65	13.3	16	3	29.2	----	----	1	----	1	1	----	1	2	1	1	7	1	5	6	2	2	4	5	25
Winchester,	8,395	10	2	8	7	10.0	2	----	28.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	5
Windham,	10,179	17	----	8	15	17.6	2	2	26.6	----	----	----	----	----	----	----	----	----	1	----	2	----	1	2	1	3	----	----	5
Total of the 35 above towns,	733,774	1537	41	547	890	14.5	162	53	24.1	----	----	2	4	5	17	2	3	18	5	1	45	9	72	57	20	97	100	74	359
133 towns of less than 5,000 inhabitants,	234,135	399	15	137	262	13.4	35	9	16.7	----	----	----	2	1	3	----	----	5	----	1	8	6	20	24	7	37	41	16	91
Total reported from 165 towns,	967,909	1936	56	684	1152	14.2	197	62	22.4	----	----	2	6	6	20	2	3	23	5	2	53	15	92	81	27	134	141	90	450
Population of towns not reporting,	5,268																												

The Mortality in Public Institutions of the State was: in Bridgeport, 13; in Danbury, 5; in Hartford, 32; in Meriden, 2; in Middletown, 9; in New Britain, 1; in New Haven, 36; in New London, 2; in Norwalk, 2; in Norwich, 7; in Stamford, 1; and in Waterbury, 10. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in October: Andover, Ashford, Avon, Bethany, Bethlehem, Burlington, Chaplin, Colebrook, Coventry, Eastford, East Granby, Easton, Franklin, Granby, Hartland, Harwinton, Hebron, Lebanon, Marlborough, Middlebury, Middlefield, Monroe, Norfolk, North Branford, Oxford, Prospect, Roxbury, Sherman, Union, Warren, Wolcott—31.

The Registrars of the following towns have made no report for October: Morris, New Fairfield, Stafford.

REMARKS.

By Mortality Reports received there were 1,152 deaths during the month of October. This was 17 less than in September, and 28 more than in October of last year, and 40 more than the average number of deaths in October for the five years preceding.

	1904	1903	1902	1901	1900	1899
January,	1440	1420	1172	1439	1367	1565
February,	1387	1303	1124	1381	1261	1192
March,	1525	1421	1239	1441	1691	1221
Total 1st quarter,	4352	4144	3535	4261	4319	3978
April,	1377	1245	1191	1253	1678	1169
May,	1317	1265	1100	1056	1230	1025
June,	1129	1163	1061	1022	1121	1048
Total 2d quarter,	3823	3673	3352	3331	4029	3242
July,	1409	1414	1394	1297	1583	1369
August,	1362	1404	1348	1310	1642	1382
*September,	1169	1160	1166	1235	1270	1142
Total 3d quarter,	3940	3978	3908	3842	4495	3893
October,	1152	1124	1133	1062	1208	1036

The death-rate was 14.5 for the large towns, for the small towns 13.4, and for the whole State 14.2.

The deaths reported from infectious diseases were 137, being 11.9 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—Bridgeport, 1; Cromwell, 1; Hartford, 20; Manchester, 1; New Haven, 5; Stamford (city), 1; Torrington, 1; Watertown, 1; Westport, 1; Windsor Locks, 1.—Total, 33 in 10 towns.

Scarlet Fever.—Bridgeport, 8; East Hartford, 9; Enfield, 1; Glastonbury, 4; Greenwich, 1; Haddam, 1; Hamden, 1; Hartford, 5; Manchester, 2; Meriden (city), 2; Middletown (city), 16; Middletown (town), 6; Montville, 1; Naugatuck, 1; New Britain (city), 4; New Britain (town), 1; New Haven, 19; Norwalk, 1; Norwich (city), 2; Southington, 2; Sprague, 1; Stamford (city), 1; Stamford (town), 4; Stonington, 4; Stratford, 1; Torrington (town and borough), 9; Waterbury (city), 17; Woodbury, 2.—Total, 126 in 25 towns.

Cerebro-Spinal Fever.—Hartford, 2; West Hartford, 1.—Total, 3 in 2 towns.

Diphtheria and Croup.—Bethel, 1; Bridgeport, 12; Danbury (city), 2; Danielson (borough), 1; Darien 6; East Windsor, 1; Enfield, 1; Glastonbury, 3; Greenwich, 5; Haddam, 2; Hartford, 28; Kent, 1; Manchester, 6; Meriden (city), 1; Meriden (town), 1; Middletown (city), 1; Middletown (town), 4; Naugatuck, 1; New Britain (city), 6; New Britain (town), 1. New Haven, 19; Newington, 1; New Milford, 1; North Haven, 2; Norwich (city), 1; Norwich (town), 1; Old Saybrook, 1; Redding, 10; Ridgefield (borough), 1; Seymour, 1; Shelton (borough), 1; South Norwalk (city), 2; Sprague, 1; Stafford, 1; Stamford (city), 11; Stratford, 1; Torrington (town and borough), 6; Waterbury (city), 4; Willimantic (city), 1; Wilton, 1; Windsor Locks, 4.—Total, 15 in 37 towns.

Whooping Cough.—Hartford, 2; Plymouth, 1.—Total, 3 in 2 towns.

Typhoid Fever.—Barkhamsted, 1; Bethel (town and borough), 2; Bloomfield, 1; Branford, 1; Bridgeport, 8; Chester, 1; Danbury (city), 1; Danbury (town), 1; East Granby. 3; East Hartford, 2; Greenwich, 2; Hartford, 4; Harwinton, 1; Huntington, 1; Litchfield, 1; Lyme, 1; Meriden (city), 2; Milford, 2; New Haven, 13; North Canaan, 13; North Haven, 2; Norwalk, 1; Norwich (city), 1; Rockville (city) 2; Salisbury, 2; Shelton (borough), 1; Simsbury, 2; South Norwalk (city), 1; Stamford (city), 5; Stamford (town), 3; Sterling, 2; Torrington, 1; Wallingford, 1; Waterbury (city), 7; Willimantic (city), 2.—Total, 94 in 32 towns.

Consumption.—Bridgeport, 4; Darien, 1; Hartford, 5; Waterbury (city), 2.—Total 12 in 4 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Beacon Falls, Bethany, Berlin, Bethlehem, Bolton, Bozrah, Bridgewater, Brooklyn, Burlington, Canaan, Canterbury, Canton, Chaplin, Chatham, Cheshire, Colchester (town and borough), Colebrook, Coventry, Cornwall, Durham, Eastford, East Haddam, East Haven, East Lyme, Easton, Ellington, Essex, Fairfield, Franklin, Goshen, Granby, Griswold, Guilford, Hampton, Hebron, Jewett City (borough), Killingly, Killingworth, Lebanon, Ledyard, Lisbon, Madison, Mansfield, Marlborough, Middlebury, Morris, New Canaan (town and borough), New Fairfield, New Hartford, Norfolk, North Branford, Norwalk (city), Old Lyme, Plainfield, Plainville, Pomfret, Portland, Prospect, Putnam, Ridgefield, Rocky Hill, Roxbury, Salem, Saybrook, Scotland, Sharon, Sherman, Somers, Southbury, South Windsor, Stafford Springs (borough), Suffield, Thomaston, Thompson, Tolland, Trumbull, Union, Vernon, Voluntown, Warren, Washington, Waterford, Westbrook, West Haven (borough), Weston, Wethersfield, Winchester, Windsor, Winsted (borough), Woodbridge, Woodstock.—94 towns.

* Two delayed Certificates for September have been received since the publication of the last Bulletin.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

La Grippe.—East Haven, 1; Haddam, 1.—Total, 2.

Cerebro-Spinal Fever.—Canton, 1.

Diphtheria and Croup.—East Windsor, 1; Glastonbury, 1; Haddam, 1.—Total, 3.

Typhoid Fever.—Colchester, 1; Ellington, 1; Litchfield, 1; Westport, 1; Wethersfield, 1.—Total, 5.

Consumption.—Canaan, 1; Chatham, 1; Cheshire, 1; Darien, 1; Farmington, 1; Guilford, 1; Hamden, 1; Kent, 1; Mansfield, 1; Milford, 1; Newington, 1; Old Saybrook, 1; Plainville, 1; Ridgefield, 1; Seymour, 3; Windsor Locks, 1; Woodbridge, 1; Woodbury, 1.—Total, 20.

All the Health Officers of Litchfield County have reported, but the Health Officers of the following Towns have not reported:

HARTFORD CO.—Bristol (town and borough), Farmington, Hartland.

NEW HAVEN CO.—Ansonia, Derby, Orange, Oxford, Wolcott.

NEW LONDON CO.—New London, Groton (town and borough), North Stonington.

FAIRFIELD CO.—Brookfield, Monroe, Newtown.

WINDHAM CO.—Windham.

MIDDLESEX CO.—Clinton, Middlefield.

TOLLAND CO.—Columbia Willington.

A SANITARY CONFERENCE OF ALL THE HEALTH OFFICERS OF THE STATE.

The Second Annual Conference will be held in Hartford at the Hunt Memorial Building, on Wednesday, December 14, 1904. The first session will open in the evening at elght o'clock.

PROGRAMME.

An Address of Welcome in behalf of the city,
by Mayor Henney.

"Purposes of the Conferences,"
by Prof. Wm. H. Brewer, LL.D., President of the State Board of Health.

A paper, "The British Sewage Works,"
by M. N. Baker, C.E., Associate Editor of the "Engineering News."

A paper, "Description of the Recently Constructed Septic Tanks for the Manchester Sanitary and Sewer District,"
by T. H. McKenzie, Esq.

SECOND SESSION, THURSDAY AT 10 A. M.

A paper, subject to be announced,
by Prof. H. W. Conn, of Wesleyan University.

A paper, "Observations of Modern Sanitary Methods,"
by Dr. Edward B. Hooker, Hartford.

A paper, "The Use of Copper Salt in the Purification of Public Water Supplies,"
by Prof. H. E. Smith, of New Haven.

A paper, "Epidemic Cerebro-Spinal Meningitis,"
by Dr. Walter B, Steiner, Hartford.

THIRD SESSION AT 2.30 P. M.

A paper, "Mosquitoes and their Relation to Public Health,"
by Mr. W. E. Britton, State Entomologist.

A paper, "Sewage Problems in Connecticut,"
by F. L. Ford, C.E., Hartford.

Question Box.
Miscellaneous Business.
Adjournment.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, November 15, 1904.

METEOROLOGICAL REPORT FOR THE MONTH OF OCTOBER, 1904.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.50	29.50	55	54	56	65	48	17	59	46	W	18	W	13	430	46	.0	Clear	Clear	Clear
2	29.55	29.60	54	54	52	58	46	12	62	64	W	10	N W	6	230	20	T	Cloudy	Clear	Cloudy
3	29.83	30.06	47	48	50	58	42	16	56	66	N W	8	N W	5	196	17	.0	Clear	Clear	Clear
4	30.26	30.28	45	52	50	60	39	21	54	69	N W	3	W	6	155	20	.0	Clear	Clear	Clear
5	30.22	30.01	53	61	56	66	46	20	75	76	W	1	S W	10	234	25	.0	Cloudy	Clear	Partly Cl'dy
6	30.05	30.28	53	46	50	61	39	22	72	61	N	15	N W	11	278	23	.23	Clear	Clear	Clear
7	30.51	30.53	38	44	44	53	34	19	62	54	N	12	W	2	158	24	.0	Clear	Cloudy	Partly Cl'dy
8	30.47	30.28	53	59	46	60	33	27	52	83	S	14	S W	7	218	20	.0	Clear	Cloudy	Cloudy
9	30.21	30.16	56	59	58	63	54	9	89	83	S W	4	N E	10	128	11	.05	Cloudy	Cloudy	Partly Cl'dy
10	30.08	29.81	54	65	61	69	53	16	92	90	E	5	S W	12	174	15	.0	Cloudy	Clear	Partly Cl'dy
11	29.69	29.93	64	62	66	77	55	22	94	79	S	4	N E	12	249	21	.01	Light Rain	Cloudy	Cloudy
12	30.22	30.28	43	38	45	55	35	20	96	96	N E	24	N E	22	485	37	.64	Light Rain	Light Rain	Cloudy
13	30.28	30.27	40	47	43	51	35	16	83	79	N	20	N W	5	318	30	.08	Cloudy	Cloudy	Cloudy
14	30.19	30.14	45	51	50	59	41	18	61	62	N	12	N W	14	281	30	.0	Clear	Partly Cl'dy	Clear
15	30.22	30.22	43	46	48	56	40	16	52	43	N	20	N W	11	286	26	.0	Clear	Clear	Clear
16	30.27	30.30	43	54	51	66	36	30	46	53	N	4	N W	4	142	13	.0	Clear	Clear	Clear
17	30.19	30.08	44	60	56	73	39	34	56	52	N W	6	W	6	128	12	.0	Clear	Clear	Clear
18	30.09	29.97	52	66	62	78	45	33	63	59	S W	4	N E	12	163	17	.0	Clear	Cloudy	Clear
19	30.13	30.09	47	60	56	64	47	17	75	78	N E	12	N E	9	186	19	.0	Clear	Cloudy	Cloudy
20	30.03	29.97	57	59	60	63	56	7	97	94	N E	5	S E	6	152	12	T	Misting	Cloudy	Partly Cl'dy
21	29.63	29.71	63	52	58	67	48	19	95	66	S E	31	W	4	461	70	1.20	Cloudy	Clear	Partly Cl'dy
22	29.71	29.77	58	50	54	64	44	20	72	58	S	18	S W	12	246	25	.0	Clear	Clear	Clear
23	29.92	30.02	43	46	48	55	40	15	71	72	W	4	N W	10	171	16	T	Clear	Cloudy	Clear
24	30.27	30.35	38	46	45	54	36	18	58	52	N W	10	S W	3	152	12	.0	Clear	Clear	Clear
25	30.35	30.23	50	55	52	60	43	17	64	74	S W	7	S W	9	270	24	.0	Clear	Cloudy	Partly Cl'dy
26	30.04	29.98	49	45	50	60	41	19	86	57	E	1	W	8	185	30	T	Cloudy	Clear	Clear
27	30.06	30.25	40	39	38	47	30	17	64	51	N	3	N	8	201	29	.0	Clear	Clear	Clear
28	30.40	30.36	33	40	36	45	27	18	70	75	N	7	E	2	122	12	.0	Clear	Clear	Clear
29	30.31	30.16	38	49	44	56	31	25	66	80	N	4	W	5	168	20	.0	Clear	Clear	Clear
30	30.22	30.32	44	38	40	50	31	19	63	46	N	13	N E	7	277	24	.0	Clear	Clear	Clear
31	30.37	30.26	28	40	36	48	25	23	65	41	N	10	W	8	167	16	.0			
Month Ave's.	30.11	30.10	48	51	50	60	41	19	70	66	N	10	W & N W	8	228	70	2.21			

SUMMARY.

BAROMETER.

Monthly Mean, 30.10 inches.

Highest, 30.53 in.; Date, 7.

Lowest, 29.50 in.; Date, 1.

Monthly range, 1.03 inches.

TEMPERATURE.

Monthly Mean, 50 degrees.
Highest, 78 degrees; Date, 18.
Lowest, 25 degrees; Date, 31.
Absolute range, 53 degrees.
Greatest daily range, 34 degrees; Date, 17.
Least daily range, 7 deg.; Date, 20.
Mean daily range, 19 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 514 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 9 miles.
Max. velocity and direction, 62 S E; Date 21.
Total monthly movement, 7,071 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 10.
*Greatest 24 hour precipitation, (in. and 100ths), 1.20; Date, 21.
Total monthly precipitation, (in. and 100ths), 2.21 in.
Total depth of snowfall (in.), 0.
Dates of thunder storms, 0.

Accumulated deficiency of precipitation since Jan. 1st, 4.56 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---52 deg.		1889---49 deg.	
1874---52 "		1890---51 "	
1875---53 "		1891---51 "	
1876---50 "		1892---52 "	
1877---54 "		1893---54 "	
1878---56 "		1894---53 "	
1879---58 "		1895---49 "	
1880---51 "		1896---50 "	
1881---56 "		1897---53 "	
1882---56 "		1898---54 "	
1883---49 "		1899---54 "	
1884---53 "		1900---57 "	
1885---52 "		1901---53 "	
1886---53 "		1902---54 "	
1887---51 "		1903---54 "	
1888---48 "		1904---50 "	

COM. RAINFALL. (Inches and 100ths.)

1873---6.18	1889---3.96
1874---1.86	1890---7.63
1875---3.18	1891---4.62
1876---1.12	1892---0.94
1877---10.09	1893---4.75
1878---2.33	1894---6.11
1879---1.41	1895---3.32
1880---4.07	1896---2.91
1881---2.78	1897---1.25
1882---3.54	1898---7.22
1883---5.87	1899---1.78
1884---2.49	1900---2.03
1885---5.37	1901---2.95
1886---1.95	1902---6.41
1887---3.24	1903---2.94
1888---6.46	1904---2.21

Monthly mean humidity, 68 per cent. Monthly mean dew point, 39. Number of clear days, 19. Number of fair days, 7. Number of cloudy days, 5.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVIII. NO. 11.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, NEW HAVEN, PRESIDENT.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. MCKENZIE, C.E., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ESQ., NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF NOVEMBER, 1904

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of November, 1904, and a Statement of the Births and Marriages for the Month of October, 1904.

Total estimated population of the State is 973,177.

TOWNS.	Estimated Population.	Living Births in Oct.	Still Births in Oct.	Marriages in Oct.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,616	22	1	12	13	11.4	3	----	23.0	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	2	2	----	6
Branford,	6,204	17	1	5	6	12.2	1	----	16.6	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	1	----	4
Bridgeport,	79,848	174	8	85	85	12.4	11	6	20.0	----	----	1	----	1	5	----	----	1	----	----	1	----	13	4	1	12	9	3	34
Bristol,	10,547	14	2	9	19	21.6	1	2	15.7	----	----	----	----	4	1	----	----	----	----	----	----	----	----	3	1	2	2	----	6
Danbury,	19,475	29	3	15	22	13.0	4	----	18.1	----	----	----	----	----	----	----	----	----	1	----	1	1	3	1	----	6	2	2	5
Derby,	8,714	25	----	11	13	17.9	2	1	23.0	----	----	2	----	----	----	----	----	1	----	----	----	----	2	----	1	2	1	1	3
East Hartford,	7,186	14	2	7	9	15.0	2	----	22.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	2	----	1	3
Enfield,	6,499	17	2	10	7	12.0	----	1	14.2	----	----	----	----	----	----	----	----	----	1	----	1	----	1	----	1	----	----	2	1
Greenwich,	12,988	14	1	11	9	8.3	3	1	44.4	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	----	1	1	5
Groton,	6,130	17	2	6	2	3.9	----	1	50.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1
Hartford,	90,498	152	4	108	114	13.7	22	6	24.5	----	2	----	----	1	6	----	----	2	----	----	4	----	5	14	2	13	13	2	50
Huntington,	6,198	7	1	4	11	21.2	2	1	27.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	----	1	7
Killingly,	6,759	6	2	5	11	19.5	1	----	9.0	----	----	----	1	1	----	----	----	1	----	----	----	----	----	1	----	----	----	----	7
Manchester,	11,552	18	2	8	6	6.2	2	----	33.3	----	----	----	----	1	----	----	----	----	----	----	----	----	1	----	----	----	----	----	4
Meriden,	30,003	71	1	29	38	15.1	7	2	23.6	----	----	----	----	----	----	1	----	1	----	----	2	----	5	3	1	8	4	4	9
Middletown,	18,398	15	2	16	32	8.4	2	1	9.3	----	----	1	----	2	----	----	----	----	----	----	----	----	3	2	----	7	4	4	9
Naugatuck,	12,270	25	1	7	11	10.7	2	----	18.1	----	----	----	----	----	----	----	----	----	----	----	----	----	4	1	1	1	1	----	3
New Britain,	31,880	89	3	52	39	14.6	8	5	33.3	----	1	1	----	----	1	----	----	----	----	----	----	----	3	3	----	6	5	5	14
New Haven,	116,820	271	8	124	146	14.3	19	6	17.1	----	----	----	1	----	1	----	1	7	2	----	3	1	8	13	4	18	7	14	66
New London,	19,064	43	----	24	24	15.1	3	----	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	5	----	1	2	4	2	10
New Milford,	5,158	8	----	1	7	16.2	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	2	----	----	3
Norwalk,	20,806	27	----	21	31	17.3	5	1	19.3	----	----	----	----	----	----	----	----	----	----	----	----	----	4	3	----	7	4	1	12
Norwich,	25,272	49	3	31	36	15.1	3	1	11.1	----	----	----	----	1	----	----	----	----	----	----	1	----	6	3	2	6	6	3	8
Orange,	7,978	13	1	3	3	4.5	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	----	1	----	----	----
Putnam,	7,682	9	----	11	9	14.0	4	----	44.4	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	----	----	7
Southington,	6,045	9	1	3	12	23.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	3	2	5
Stamford,	20,094	28	----	17	34	20.3	2	4	17.6	----	1	----	----	1	4	----	----	----	----	----	----	----	4	4	1	1	4	2	12
Stonington,	9,082	20	1	5	15	19.8	2	3	33.3	----	----	----	----	----	1	----	----	----	----	----	1	----	1	3	1	----	2	----	6
Thompson,	6,786	11	1	4	5	8.8	1	----	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	2	----	1	----
Torrington,	15,015	35	----	10	10	7.9	1	1	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	2	----	----	5
Vernon,	8,353	18	1	11	14	20.1	2	----	14.2	----	----	----	----	----	----	----	----	1	----	----	----	2	----	1	3	2	----	4	----
Wallingford,	9,967	29	2	10	9	10.8	3	----	33.3	----	----	----	----	----	----	----	----	1	----	----	----	----	2	----	----	----	----	2	4
Waterbury,	58,313	127	5	47	67	13.5	14	4	26.8	----	----	1	----	1	3	----	----	----	----	----	2	----	4	8	----	6	7	4	31
Winchester,	8,395	19	----	5	7	10.0	2	----	28.5	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	1	----	3
Windham,	10,179	19	1	16	25	29.4	3	1	16.0	----	----	----	----	1	----	----	----	----	----	----	----	----	1	4	3	3	4	2	7
Total of the 35 above towns,	733,774	1461	62	743	901	14.7	137	48	20.5	----	4	6	5	11	26	1	1	15	4	----	16	5	84	80	25	117	87	63	351
133 towns of less than 5,000 inhabitants,	239,403	348	18	183	257	12.8	34	7	15.9	----	----	1	2	2	5	1	----	3	----	----	8	2	16	22	5	31	31	21	107
Total reported from 168 towns,	973,177	1809	80	926	1158	14.2	171	55	19.4	----	4	7	7	13	31	2	1	18	4	----	24	7	100	102	30	148	118	84	458

The Mortality in Public Institutions of the State was: in Bridgeport, 17; in Danbury, 1; in Hartford, 31; in Meriden, 2; in Middletown, 21; in Norwalk, 6; in Norwich, 6; in New Haven, 49; in Stamford, 1; and in Waterbury, 5. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in November: Ashford, Beacon Falls, Bethany, Bethlehem, Brookfield, Burlington, Canaan, Chaplin, Clinton, Colebrook, Columbia, Cornwall, Essex, Hampton, Kent, Mansfield, Marlborough, Middlebury, Monroe, Morris, Newington, Norfolk, North Branford, Pomfret, Prospect, Roxbury, Salem, Sherman, Union, Warren, Washington, Weston, Wolcott—33.

REMARKS.

By Mortality Reports received there were 1,158 deaths during the month of November. This was 9 less than in October, and 13 less than in November of last year, and 71 more than the average number of deaths in November for the five years preceding.

	1904	1903	1902	1901	1900	1899
January,	1440	1420	1172	1439	1367	1565
February,	1387	1303	1124	1381	1261	1192
March,	1525	1421	1239	1441	1691	1221
Total 1st quarter,	4352	4144	3535	4261	4319	3978
April,	1377	1245	1191	1253	1678	1169
May,	1317	1265	1100	1056	1230	1025
June,	1129	1163	1061	1022	1121	1048
Total 2d quarter,	3823	3673	3352	3331	4029	3242
July,	1409	1414	1394	1297	1583	1369
August,	1362	1404	1348	1310	1642	1382
September,	1169	1160	1166	1235	1270	1142
Total 3d quarter,	3940	3978	3908	3842	4495	3893
*October,	1167	1124	1133	1062	1208	1036
November,	1158	1171	1083	1104	1097	980

The death-rate was 14.7 for the large towns, for the small towns 12.8, and for the whole State 14.2.

The deaths reported from infectious diseases were 118, being 10.2 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—Ansonia, 1; Bridgeport, 1; Cornwall, 1; East Hartford, 5; Glastonbury, 5; Hartford, 92; Lebanon, 1; Mansfield, 1; Southington, 6; Stamford (city), 5; Thomaston, 1; Watertown, 1; Westport, 1; Windsor Locks, 2.—Total, 123 in 14 towns.

Scarlet Fever.—Ansonia, 2; Barkhamsted, 1; Berlin, 7; Branford, 1; Bridgeport, 29; Derby, 4; East Haddam, 1; East Hartford, 4; Cromwell, 2; Farmington, 1; Glastonbury, 1; Guilford, 1; Hamden, 2; Hartford, 7; Harwinton, 2; Manchester, 3; Meriden (city), 2; New Britain (city), 12; New Canaan (town and borough), 5; New Haven, 28; New Milford, 1; North Branford, 4; Norwalk (city), 1; Norwich (city), 2; Old Saybrook, 2; Plainfield, 1; Portland, 3; Rockville (city), 1; Southington, 1; South Windsor, 1; Sprague, 2; Stamford (city), 1; Stamford (town), 2; Stonington, 4; Torrington (town and borough), 9; Waterbury (city), 5; West Haven (borough), 2; Westport, 2; Windsor Locks, 1.—Total, 160 in 38 towns.

Cerebro-Spinal Fever.—Bristol, 3; Hartford, 1; New Milford, 1; Plymouth, 1; Stamford (city), 1.—Total, 7 in 5 towns.

Diphtheria and Croup.—Bethel, 1; Bridgeport, 30; Bristol, 1; Chaplin, 7; Greenwich (town and borough), 6; Groton (town), 1; Groton (borough), 1; Guilford, 2; Haddam, 1; Hartford, 52; Manchester, 3; Meriden (city), 1; New Britain (city), 7; New Haven, 13; New London, 4; New Milford, 2; Norwalk, 1; Norwich (city), 2; Old Lyme, 1; Orange, 1; Redding, 2; Rockville (city), 1; Simsbury, 2; Sprague, 1; Stafford, 1; Stamford (city), 11; Stonington, 1; Suffield, 1; Torrington (town and borough), 2; Trumbull, 1; Wallingford, 2; Waterbury (city), 7; Waterford, 4; Watertown, 1; West Haven (borough), 1; Windsor Locks, 1.—Total, 176 in 35 towns.

Whooping Cough.—Chatham, 10; Litchfield (town and borough) 10; Norwalk (city), 2; Salisbury, 6; Trumbull, 1; West Hartford, 1.—Total, 30 in 6 towns.

Typhoid Fever.—Ansonia, 1; Bethel, 1; Bridgeport, 3; Bristol, 1, Chaplin, 1; Danbury (city), 1; Derby, 1; Eastford, 1; Farmington, 2; Glastonbury, 1; Hampton, 1; Hartford, 4; Hebron, 1; Litchfield, 1; Manchester, 1; Meriden (city), 2; Milford, 3; Naugatuck; 1; New Haven, 40; North Haven, 1; Norwich (city), 1; Rockville (city), 1; Roxbury, 2; Scotland, 1; Shelton (borough), 1; Simsbury, 1; Southbury, 1; South Norwalk (city), 1; Stamford (city), 2; Sterling, 1; Waterbury (city), 1; West Haven (borough), 1; Winsted (borough), 1.—Total, 84 in 33 towns.

Typhus Fever.—Norwalk (city), 1.

Consumption.—Bridgeport, 5; Hartford, 4; Meriden (city), 1; New Canaan, 1; Norwich (city), 3; Putnam, 1; Southbury, 1; South Norwalk (city), 1; Stamford (city), 1; Thompson, 1.—Total, 19 in 10 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Beacon Falls, Bethany, Bethlehem, Bloomfield, Bozrah, Bridgewater, Brookfield, Brooklyn, Burlington, Canaan, Canterbury, Canton, Cheshire, Chester, Clinton, Colchester (town and borough), Colebrook, Columbia, Coventry, Danbury, Danielson (borough), Durham, East Haven, East Lyme, Easton, East Windsor, Ellington, Enfield, Essex, Fairfield, Franklin, Goshen, Granby, Griswold, Hartland, Huntington, Jewett City (borough), Kent, Killingly, Killingworth, Ledyard, Lisbon, Madison, Marlborough, Meriden, Middlebury, Montville, Morris, New Britain, New Fairfield, New Hartford, Newtown, Norfolk, North Canaan, North Stonington, Norwich, Oxford, Plainville, Pomfret, Prospect, Ridgefield (town and borough), Rocky Hill, Salem, Saybrook, Seymour, Sharon, Sherman, Somers, Stafford Springs (borough), Stratford, Tolland, Union, Voluntown, Warren, Westbrook, Weston, Wethersfield, Willimantic (city), Willington, Wilton, Winchester, Windham, Windsor, Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 90.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Scarlet Fever.—Berlin, 1.

La Grippe.—Salisbury, 1; Willington, 1.—Total, 2.

Cerebro-Spinal Fever.—Darien, 1; Plymouth, 1.—Total, 2.

Diphtheria and Croup.—Barkhamsted, 1; Guilford, 1; Redding, 2; Trumbull, 1.—Total, 5.

Whooping Cough.—Trumbull, 1.

Typhoid Fever.—Berlin, 1; Eastford, 1; Westport, 1.—Total, 3.

Consumption.—Brooklyn, 1; Cheshire, 1; Fairfield, 1; Farmington, 1; Glastonbury, 1; Litchfield, 1; New Canaan, 1; North Canaan, 1; Salisbury, 1; Seymour, 1; Simsbury, 1; Trumbull, 1; Voluntown, 2; Watertown, 1; Wilton, 1.—Total, 16.

All the Health Officers of New Haven and Windham Counties have reported, but the Health Officers of the following Towns have not reported:

HARTFORD CO.—East Granby, Newington.

NEW LONDON CO.—Lyme, Preston.

FAIRFIELD CO.—Darien, Monroe.

LITCHFIELD CO.—Washington.

MIDDLESEX CO.—Middlefield, Middletown (town and city).

TOLLAND CO.—Bolton, Vernon.

TYPHUS FEVER.

One case of this disease was reported from Norwalk. It is now so rare a disease in Connecticut that it deserves special notice.

Cerebro-spinal meningitis still appears in sporadic form in different parts of the State, and somewhat more frequently than in the four months preceding.

A MEDICAL DICTIONARY.

The vast variety of names given to diseases and diseased tissues and organs is such as to test to the extreme the memory of the most learned physicians. Statisticians of vital statistics of the largest experience have constantly to refer to the medical dictionary to refresh their recollection when they meet the name of some rare and unfamiliar malady.

Again a few doctors in writing certificates of the causes of death, try to display their scientific lore by employing unusual words instead of those in common use. For example, "Nephrism," which means nothing more than Kidney Disease; "Cardiogmus," meaning Heart Disease; "Gastroxynsis," for Dyspepsia; "Cephalopyosis," for Abscess in the Head; "Cephalæmia," for Congestion of the Brain, Doctors who make special study for these learned terms are sometimes illiterate when they try to write English. Such words puzzle the town clerks who have to transcribe them, and as doctors are not distinguished for legible penmanship, and are habitually given to abbreviations, the copies made by the Registrars sometimes record causes of death not found in any language, living or dead.

It would be of much assistance to the town clerks who have to record the certificates of the causes of death, if they were provided, as a part of the necessary furniture of their offices, with a Medical Dictionary.

A small dictionary would not serve them well, as all the names applied to diseases, and especially the extraordinary words sought for by pedants, are not always found in the small editions.

The National Medical Dictionary, by J. S. Billjings, M.D., The Illustrated Dictionary of Medicine and Biology and Allied Sciences, by George M. Gould, and Dunglison's Medical Dictionary, are among the best. So long as town clerks, unfamiliar with the nomenclature of diseases, are the legally appointed Registrars of Vital Statistics, the aid of a good Medical Dictionary is a necessity to them to do good work.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, December 15, 1904.

* Fifteen delayed Certificates for October have been received since the publication of the last Bulletin.

METEOROLOGICAL REPORT FOR THE MONTH OF NOVEMBER, 1904.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.12	30.29	38	44	46	57	34	23	66	69	N W	4	N E	5	159	19	.0	Partly Cl'dy	Clear	Partly Cl'dy
2	30.48	30.38	35	45	42	52	31	21	63	57	N E	12	S W	3	169	16	.0	Clear	Clear	Clear
3	30.28	30.02	49	52	52	58	46	12	82	87	S W	4	S	9	168	17	.0	Cloudy	Clear	Cloudy
4	29.94	29.86	43	51	48	60	37	23	81	79	N W	6	E	6	158	17	.0	Clear	Cloudy	Partly Cl'dy
5	29.73	29.67	43	42	42	48	35	13	77	76	N E	14	N W	5	255	22	.0	Cloudy	Cloudy	Partly Cl'dy
6	29.72	29.76	35	35	38	42	33	9	81	77	N E	7	N W	10	169	20	.13	Light Snow	Cloudy	Cloudy
7	29.80	29.79	32	37	37	42	32	10	74	74	N W	6	W	5	239	24	.0	Cloudy	Clear	Cloudy
8	29.89	29.94	34	40	39	48	30	18	66	46	N W	6	N E	5	170	17	.0	Clear	Clear	Clear
9	29.89	30.03	32	36	36	40	32	8	95	78	N E	12	N	10	263	20	.32	Light Rain	Cloudy	Cloudy
10	30.20	30.16	33	41	40	48	32	16	70	69	N	7	N W	6	158	16	.0	Clear	Cloudy	Partly Cl'dy
11	30.08	30.05	31	36	38	45	31	14	89	76	N	10	N W	3	170	15	.09	Light Snow	Clear	Partly Cl'dy
12	30.00	29.78	33	45	39	48	30	18	75	57	S W	6	S W	10	231	29	.0	Clear	Clear	Clear
13	29.60	28.65	42	34	38	43	34	9	85	100	S W	6	N	36	476	60	1.24	Light Rain	Light Rain	Cloudy
14	29.35	29.88	36	37	38	40	36	4	64	74	N W	26	N W	16	523	45	.09	Cloudy	Clear	Partly Cl'dy
15	30.18	30.16	34	42	40	49	31	18	62	58	N	6	S W	9	171	13	.0	Clear	Clear	Clear
16	30.16	30.26	37	42	44	52	35	17	74	72	N	2	N	13	177	21	.0	Cloudy	Partly Cl'dy	Partly Cl'dy
17	30.53	30.55	24	29	29	36	22	14	67	66	N	20	N E	9	257	30	.0	Clear	Clear	Clear
18	30.48	30.26	20	32	28	38	18	20	67	79	N E	14	N E	3	164	17	.0	Clear	Clear	Clear
19	30.18	30.09	24	44	37	52	22	30	60	63	N	6	W	3	130	14	.0	Clear	Clear	Clear
20	29.98	29.79	41	50	47	56	38	18	76	80	S	8	S	4	141	12	.0	Partly Cl'dy	Cloudy	Cloudy
21	29.78	30.02	51	40	43	51	35	16	78	68	N W	12	N W	7	244	31	.0	Clear	Clear	Clear
22	30.07	29.95	32	43	40	50	30	20	71	59	N W	5	S W	5	147	16	.0	Clear	Clear	Clear
23	30.00	29.83	36	41	42	50	35	15	73	84	S E	3	N E	4	94	10	.0	Clear	Partly Cl'dy	Partly Cl'dy
24	29.61	29.56	35	40	40	45	35	10	63	83	N	13	N W	4	238	24	.0	Partly Cl'dy	Cloudy	Partly Cl'dy
25	29.62	29.85	38	33	36	41	31	10	91	59	N W	10	N W	12	292	30	T	Light Snow	Clear	Cloudy
26	30.07	30.09	29	32	31	38	24	14	60	78	S W	3	N	9	219	30	.0	Clear	Clear	Clear
27	29.96	29.95	22	28	27	34	20	14	93	65	N	4	W	6	153	17	.02	Light Snow	Clear	Partly Cl'dy
28	30.11	30.27	19	20	20	25	16	9	66	48	N W	8	N W	6	225	22	.0	Clear	Clear	Clear
29	30.19	29.85	33	48	32	50	15	35	70	93	S	14	S W	11	300	30	T	Cloudy	Light Rain	Cloudy
30	29.89	29.80	45	43	42	51	33	18	89	42	S W	7	W	8	217	18	.06	Cloudy	Partly Cl'dy	Partly Cl'dy
Month Ave's.	29.99	29.95	35	39	38	46	30	16	74	70	N W	9	N W	8	216	60	1.95			

SUMMARY.

BAROMETER.

Monthly Mean, 29.97 inches.

Highest, 30.55 in.; Date, 17.

Lowest, 28.65 in.; Date, 13.

Monthly range, 1.90 inches.

TEMPERATURE.

Monthly Mean, 38 degrees.
Highest, 60 degrees; Date, 4.
Lowest, 15 degrees; Date, 29.
Absolute range, 45 degrees.
Greatest daily range, 35 degrees; Date, 29.
Least daily range, 4 deg.; Date, 14.
Mean daily range, 16 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 595 degrees.

WIND.

Prevailing direction, N W.
Mean hourly velocity, 9 miles.
Max. velocity and direction, 50 N E; Date, 13.
Total monthly movement, 6,477 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 9.
*Greatest 24 hour precipitation, (in. and 100ths), 1.33; on 13–14th.
Total monthly precipitation, (in. and 100ths), 1.95 in.
Total depth of snowfall (in.), 0.5.
Dates of thunder storms, 0.

Accumulated deficiency of precipitation since Jan. 1st, 6.55 inches.

COMPAR. TEMP. (Mon. Mean.)

1873	34 deg.	1889	44 deg.
1874	42 "	1890	42 "
1875	38 "	1891	41 "
1876	44 "	1892	40 "
1877	46 "	1893	41 "
1878	42 "	1894	37 "
1879	41 "	1895	44 "
1880	40 "	1896	46 "
1881	43 "	1897	42 "
1882	39 "	1898	41 "
1883	42 "	1899	42 "
1884	41 "	1900	44 "
1885	42 "	1901	37 "
1886	43 "	1902	47 "
1887	40 "	1903	39 "
1888	43 "	1904	38 "

COM. RAINFALL. (Inches and 100ths.)

1873	4.73	1889	7.78
1874	3.44	1890	0.67
1875	7.44	1891	2.21
1876	4.43	1892	5.46
1877	7.11	1893	2.56
1878	6.33	1894	4.23
1879	2.33	1895	4.84
1880	2.82	1896	2.33
1881	4.18	1897	5.72
1882	1.31	1898	5.69
1883	1.56	1899	1.89
1884	2.24	1900	4.14
1885	3.49	1901	1.61
1886	3.83	1902	0.79
1887	2.85	1903	1.85
1888	4.73	1904	1.95

Monthly mean humidity, 72 per cent. Monthly mean dew point, 29. Number of clear days, 11. Number of fair days, 11. Number of cloudy days, 8.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 117 feet. Elevation of rain and snow gauges, 109 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XVIII. NO. 12.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, LL.D., NEW HAVEN, PRES.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. MCKENZIE, CIVIL ENG., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. O. NEWTON, ATT'Y-AT-LAW, NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF DECEMBER, 1904

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of December, 1904, and a Statement of the Births and Marriages for the Month of November, 1904.

Total estimated population of the State is 973,177.

TOWNS.	Estimated Population.	Living Births in Nov.	Still Births in Nov.	Marriages in Nov.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,616	46	1	11	18	15.8	5	1	33.3	----	----	----	2	1	----	----	----	----	----	----	----	----	1	3	----	3	1	----	7
Branford,	6,204	12	----	----	3	5.8	3	----	100.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	----	----	----	----
Bridgeport,	79,848	176	8	87	100	14.8	19	5	24.0	----	----	----	----	2	3	----	3	----	----	----	1	----	7	11	2	3	6	10	52
Bristol,	10,547	19	1	6	24	27.3	3	---	12.5	----	----	----	----	7	----	----	----	1	----	----	----	----	1	5	----	1	3	----	6
Danbury,	19,475	34	1	15	27	16.6	4	----	14.8	----	----	----	----	----	----	----	----	----	----	----	----	----	4	4	2	3	3	1	10
Derby,	8,714	17	2	9	12	16.5	3	----	25.0	----	----	----	1	----	----	----	----	----	----	----	----	----	1	3	----	3	1	----	3
East Hartford,	7,186	17	----	3	5	8.3	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	1	----	1	----	----	1
Enfield,	6,499	13	1	8	16	29.5	4	2	37.5	----	----	----	----	2	----	----	----	----	----	----	1	----	----	1	----	2	3	----	7
Greenwich,	12,988	11	----	10	17	15.7	7	----	41.1	----	----	----	1	----	1	----	----	----	----	----	----	----	2	2	1	----	1	----	9
Groton,	6,130	9	----	6	8	15.6	3	1	50.0	----	----	----	1	----	1	----	----	----	----	----	----	----	----	---	----	2	1	----	3
Hartford,	90,498	132	9	80	115	14.0	21	16	32.1	----	2	----	----	----	4	1	1	2	----	----	----	----	9	19	4	14	11	8	40
Huntington,	6,198	11	1	3	8	15.4	1	----	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	2	1	1	2
Killingly,	6,759	8	----	12	9	15.9	3	----	33.3	----	----	----	1	----	----	----	----	----	1	----	----	----	1	----	----	1	----	1	4
Manchester,	11,552	15	----	6	15	16.0	2	1	20.0	----	----	----	----	----	1	----	----	2	----	----	----	----	----	1	----	1	2	----	8
Meriden,	30,003	55	1	22	30	11.5	6	----	20.0	----	----	----	1	2	----	----	----	----	----	----	----	----	3	4	----	4	4	---	12
Middletown,	18,398	25	2	20	29	11.7	2	1	10.3	----	----	1	----	----	1	----	----	----	----	----	----	----	2	4	3	4	7	----	7
Naugatuck,	12,270	24	----	14	14	13.6	3	2	35.7	----	----	----	----	----	----	1	----	----	----	----	----	----	2	3	1	1	1	1	4
New Britain,	31,880	83	----	39	43	16.1	6	5	25.5	----	----	1	1	1	1	----	----	1	----	----	1	----	2	3	----	4	4	3	21
New Haven,	116,820	221	12	108	157	14.9	15	9	15.2	----	---	1	4	2	1	----	----	1	----	----	1	1	18	18	3	24	17	13	53
New London,	19,064	50	2	23	29	18.2	4	----	13.7	----	----	----	---	1	----	----	----	----	----	----	----	----	2	1	2	4	2	2	15
New Milford,	5,158	11	3	2	7	16.2	1	----	14.2	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	1	----	----	5
Norwalk,	20,806	36	3	22	30	17.3	3	2	16.6	----	----	----	1	----	----	----	----	----	----	----	1	----	4	3	3	3	5	2	8
Norwich,	25,272	43	1	27	28	13.2	2	----	7.1	----	----	----	1	----	----	----	----	----	----	----	----	----	1	4	----	10	1	2	9
Orange,	7,978	18	----	5	11	16.5	1	----	9.0	----	----	----	----	----	----	----	----	----	----	----	----	----	2	2	----	1	2	----	4
Putnam,	7,682	8	1	5	11	17.1	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	3	1	----	2	----	1	3
Southington,	6,045	16	2	4	10	19.8	1	1	20.0	----	----	----	----	1	----	----	----	----	----	----	1	----	----	1	----	2	1	----	4
Stamford,	20,094	32	3	17	29	17.3	3	3	20.6	----	----	----	3	----	2	----	----	1	----	----	----	----	----	6	1	5	2	1	8
Stonington,	9,082	12	----	6	20	26.4	4	----	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	2	1	15
Thompson,	6,786	9	----	5	12	21.2	3	----	35.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	2	3	----	5
Torrington,	15,015	28	1	9	13	10.3	6	1	53.8	----	----	----	----	----	----	----	----	----	----	----	----	----	1	3	----	2	----	----	7
Vernon,	8,353	14	----	6	10	14.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	2	----	5
Wallingford,	9,967	17	----	6	11	13.2	3	1	36.3	----	----	----	----	----	1	----	----	----	----	----	----	----	2	----	----	1	1	----	6
Waterbury,	58,313	154	8	44	63	12.3	11	2	20.6	----	----	----	----	1	1	----	----	2	1	----	2	----	9	11	1	5	2	2	26
Winchester,	8,395	14	1	7	10	14.2	2	1	30.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	2	----	6
Windham,	19,179	19	2	16	20	23.5	3	1	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	2	3	----	2	2	----	11
Total of the 35 above towns,	733,774	1409	66	663	964	15.7	157	55	21.9	----	2	3	17	18	22	2	4	10	2	----	8	1	83	121	28	115	93	49	386
129 towns of less than 5,000 inhabitants,	234,017	323	15	160	294	15.0	30	11	13.9	----	----	2	9	1	4	----	----	1	----	----	2	3	19	33	5	46	42	15	112
Total reported from 164 towns,	967,791	1734	81	823	1258	15.5	187	66	20.1	----	2	5	26	19	26	2	4	11	2	----	10	4	102	154	33	161	135	64	498
Population of towns not reporting,	5,386																												

The Mortality in Public Institutions of the State was: in Bridgeport, 11; in Danbury, 2; in Hartford, 29; in Meriden, 1; in Middletown, 11; in New Britain, 4; in New Haven, 35; in New London, 3; in Norwalk, 4; in Norwich, 2; in Putnam, 1; in Stamford, 2; and in Waterbury, 10. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in December: Andover, Avon, Barkhamsted, Berlin, Bethany, Bethlehem, Bloomfield, Bolton, Bridgewater, Brookfield, Clinton, Colebrook, East Granby, Easton, Kent, Killingworth, Ledyard, Newington, North Branford, Oxford, Pomfret, Preston, Prospect, Salem, Salisbury, Scotland, Voluntown, Warren, Weston, Willington, Woodbridge—31.

The Registrars of the following towns have made no report for December: Chaplin, Redding, South Windsor, Sprague—4.

REMARKS.

By Mortality Reports received there were 1,258 deaths during the month of December. This was 96 more than in November, and 89 less than in December of last year, and 40 less than the average number of deaths in December for the five years preceding.

	1904	1903	1902	1901	1900	1899
January,	1440	1420	1172	1439	1367	1565
February,	1387	1303	1124	1381	1261	1192
March,	1525	1421	1239	1441	1691	1221
Total 1st quarter,	4352	4144	3535	4261	4319	3978
April,	1377	1245	1191	1253	1678	1169
May,	1317	1265	1100	1056	1230	1025
June,	1129	1163	1061	1022	1121	1048
Total 2d quarter,	3823	3673	3352	3331	4029	3242
July,	1409	1414	1394	1297	1583	1369
August,	1362	1404	1348	1310	1642	1382
September,	1169	1160	1166	1235	1270	1142
Total 3d quarter,	3940	3978	3908	3842	4495	3893
October,	1167	1124	1133	1062	1208	1036
*November,	1162	1171	1083	1104	1097	980
December,	1258	1347	1298	1145	1129	1172
Total 4th quarter,	3587	3642	3514	3311	3434	3188
Total for year,	15702	15437	14309	14745	16277	14301

The death-rate was 15.7 for the large towns, for the small towns 15.0, and for the whole State 15.5.

The deaths reported from infectious diseases were 111, being 8.8 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—Avon, 2; Bloomfield, 2; Coventry, 1; East Hartford, 3; Farmington, 3; Glastonbury, 3; Granby, 9; Hartford, 100; Middletown (city), 4; New Britain (city), 2; New Hartford, 1; New Haven, 1; New London, 1; Norwich (city), 1; Old Saybrook, 1; Rocky Hill, 7; Saybrook, 4; Southington, 8; South Windsor, 1; Stamford (city), 6; Thomaston, 3; Torrington (town and borough), 6; Waterbury (city), 1; Willimantic (city), 1.—Total, 171 in 24 towns.

Scarlet Fever.—Ansonia, 2; Avon, 1; Berlin, 2; Bridgeport, 14; Bristol, 2; Burlington, 1; Canton, 1; Chester, 1; Danbury (city), 1; Darien, 1; East Hartford, 1; East Windsor, 2; Glastonbury, 13; Haddam, 35; Hamden, 3; Hartford, 4; Harwinton, 3; Meriden (city), 1; Meriden (town), 1; Middletown (city), 10; Middletown (town), 9; New Britain (city), 19; New Haven, 25; New Milford, 1; North Haven, 1; Norwalk (city), 1; Norwich (city), 1; Plainfield, 3; Portland, 1; Sharon, 5; Simsbury, 1; Southington, 5; Sprague, 2; Stamford (city), 1; Stamford (town), 1; Stonington, 5; Thompson, 1; Torrington (town and borough), 3; Wallingford, 1; Waterbury (city), 7; West Haven (borough), 1; Westport, 1; Wethersfield, 1; Willimantic (city), 1; Woodbury, 1.—Total, 197 in 42 towns.

Cerebro-Spinal Fever.—Bridgeport, 3; Bristol, 2; Hartford, 2; Meriden (city), 1; New Britain (city), 3; New Fairfield, 1; New London, 1; New Milford, 2; Waterbury (city), 2; West Hartford, 1.—Total, 18 in 10 towns.

Diphtheria and Croup.—Ansonia, 1; Berlin, 1; Bridgeport, 21; Bristol, 2; Chatham, 1; Coventry, 2; Darien, 1; East Hartford, 2; East Haven, 1; Enfield, 4; Glastonbury, 1; Greenwich (town and borough), 3; Groton (town), 3; Groton (borough), 3; Haddam, 3; Hartford, 57; Hebron, 1; Killingly, 1; Lebanon, 1; Litchfield, 1; Manchester, 7; Meriden (city), 1; Middletown, 7; New Britain (city), 3; New Haven, 18; New London, 3; New Milford, 1; Norwalk (city), 1; Plainville, 1; Plymouth, 2; Putnam, 1; Redding, 2; Shelton (borough), 1; Simsbury, 3; Southington, 1; Sprague, 1; Stamford (city), 9; Stonington, 1; Stratford, 1; Thomaston, 4; Wallingford, 3; Waterbury (city), 8; West Haven (borough), 1; Windsor, 2; Windsor Locks, 3.—Total, 195 in 44 towns.

Whooping Cough.—Bristol, 1; Chatham, 4; Columbia, 1; Griswold, 2; Hartford, 2; Litchfield (town and borough), 4; Norwalk (city), 30; Waterbury (city), 1; Willimantic (city) 1.—Total, 46 in 9 towns.

Typhoid Fever.—Ansonia, 3; Bethel, 1; Bristol, 1; Canton, 1; Groton (town), 1; Groton (borough), 1; Haddam, 1; Hamden, 1; Hartford, 9; Manchester, 5; Meriden (city), 1; Naugatuck, 1; New Hartford, 1; New Haven, 12; New Milford, 1; Norwalk (city), 1; Norwalk (town), 1; Plymouth, 1; Simsbury, 1; South Norwalk (city), 1; Stamford (city), 3; Waterbury (city), 5; West Haven (borough), 2.—Total, 55 in 20 towns.

Typhus Fever.—Southington, 1.

* Four delayed Certificates for November have been received since the publication of the last Bulletin.

Consumption.—Bridgeport, 4; Canton, 2; Hartford, 2; Montville, 1; Putnam, 1; Thompson, 1; Waterbury (city), 4; West Haven (borough), 2.—Total, 17 in 8 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Barkhamsted, Beacon Falls, Bethany, Bethlehem, Bolton, Bozrah, Branford (town and borough), Bridgewater, Brookfield, Brooklyn, Canaan, Canterbury, Chaplin, Cheshire, Clinton, Colchester (town and borough), Colebrook, Cornwall, Cromwell, Danbury, Danielson (borough), Derby, Durham, Eastford, East Granby, East Haddam, East Lyme, Easton, Fairfield, Franklin, Goshen, Guilford, Hampton, Jewett City (borough), Kent, Killingworth, Ledyard, Lisbon, Lyme, Madison, Mansfield, Marlborough, Middlebury, Milford, Monroe, Morris, New Britain, New Canaan (town and borough), Newington, Newtown, Norfolk, North Branford, North Canaan, Norwich, Old Lyme, Orange, Oxford, Pomfret, Prospect, Ridgefield (town and borough), Rockville (city), Roxbury, Salem, Salisbury, Scotland, Seymour, Sherman, Somers, Southbury, Stafford, Stafford Springs (borough), Sterling, Suffield, Tolland, Trumbull, Union, Vernon, Voluntown, Warren, Waterford, Watertown, Westbrook, Weston, Willington, Wilton, Winchester, Windham, Winsted (borough), Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 92.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Scarlet Fever.—Ashford, 1; Haddam, 1.—Total, 2.

La Grippe.—Coventry, 1; East Windsor, 1; Goshen, 1; Guilford, 1; Hampton, 2; Montville, 1; Plymouth, 1; Wethersfield, 1.—Total, 9.

Cerebro-Spinal Fever.—New Fairfield, 1.

Diphtheria and Croup.—Chatham, 1; Milford, 2; Stratford, 1.—Total, 4.

Typhoid Fever.—Simsbury, 1.

Consumption.—Burlington, 3; Canton, 2; Colchester, 1; Darien, 1; East Haddam, 1; Fairfield, 1; Guilford, 1; Mansfield, 2; Montville, 1; New Hartford, 1; North Haven, 1; Stafford, 1; Wethersfield, 1; Wilton, 1; Wolcott, 1.—Total, 19.

All the Health Officers of New Haven and Windham Counties have reported, but the Health Officers of the following Towns have not reported:

HARTFORD CO.—Hartland.

NEW LONDON CO.—North Stonington, Preston, Stonington (borough).

FAIRFIELD CO.—Huntington.

LITCHFIELD CO.—Washington.

MIDDLESEX CO.—Essex, Middlefield.

TOLLAND CO.—Ellington.

Vaccination of school children sustained by Court of Appeals in New York State. Opinion of the Court:

"The appellant claims that vaccination does not tend to prevent smallpox, but tends to bring about other diseases, and that it does much harm with no good. It must be conceded that some laymen, both learned and unlearned, and some physicians of great skill and repute, do not believe that vaccination is a preventative of smallpox. The common belief, however, is that it has a decided tendency to prevent the spread of this fearful disease and to render it less dangerous to those who contract it. While not accepted by all, it is accepted by the mass of the people as well as by most members of the medical profession. It has been general in our state and in most civilized nations for generations. It is generally accepted in theory and generally applied in practice, both by the voluntary action of the people and in obedience to the command of law. Nearly every state in the Union has statutes to encourage or directly or indirectly to require vaccination, and this is true of most nations in Europe. It is required in nearly all the armies and navies of the world. Vaccination has been compulsory in England since 1854, and the last act upon the subject, passed in 1898, requires every child born in England to be vaccinated within six months of its birth. It is compulsory, or is aided, encouraged, and to some extent compelled in the other European nations. It is compulsory in but few states and cities in this country, but it is countenanced or promoted in substantially all, and statutes requiring children to be vaccinated in order to attend the public schools have generally been sustained by the courts."

The opinion further states, that a common belief like common knowledge may be acted on by the legislature and courts without proof, and the fact that it is not universal is not controlling for there is scarcely any belief that is accepted by every one, and what the people believe is for the common welfare must be accepted as for the common welfare. "While we do not decide and cannot decide that vaccination is a preventative of smallpox, we take judicial notice that this is the common belief, of the people of the state, and with this fact as a foundation, we hold that the statute in question is a health law, enacted in a reasonable and proper exercise of the police power."

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and Superintendent of Vital Statistics.

NEW HAVEN, January 15, 1905.

METEOROLOGICAL REPORT FOR THE MONTH OF DECEMBER, 1904.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.93	30.06	29	33	32	37	28	9	72	70	W	8	S W	10	265	29	.0	Clear	Cloudy	Partly Cl'dy
2	30.18	30.39	31	30	29	34	24	10	68	50	N W	4	N E	12	221	24	.0	Cloudy	Partly Cl'dy	Partly Cl'dy
3	30.41	30.31	20	24	21	24	18	6	76	80	N E	14	N	8	317	23	T	Light Snow	Cloudy	Cloudy
4	30.29	30.30	23	25	25	28	22	6	74	62	N E	3	N W	9	143	17	.0	Cloudy	Clear	Cloudy
5	30.33	29.96	20	28	25	32	18	14	52	82	N	7	N	10	149	12	.21	Clear	Light Snow	Cloudy
6	30.08	30.08	25	28	27	34	20	14	55	57	N W	10	N E	2	160	20	.02	Clear	Clear	Clear
7	29.78	29.63	31	32	30	36	25	11	68	78	S W	8	N W	3	194	15	.0	Cloudy	Clear	Partly Cl'dy
8	29.44	29.60	28	28	30	39	21	18	82	59	S	2	N W	9	201	30	.04	Light Snow	Clear	Cloudy
9	29.85	30.06	21	18	20	29	12	17	59	52	N W	7	N W	5	188	20	T	Clear	Clear	Clear
10	29.99	29.94	15	13	14	16	11	5	60	61	N E	14	N	11	318	24	.04	Cloudy	Light Snow	Cloudy
11	30.16	30.24	8	17	15	24	6	18	57	60	N W	19	N W	3	249	24	.02	Clear	Clear	Clear
12	30.08	29.80	20	25	21	29	13	16	70	81	N E	7	N E	24	324	29	.50	Cloudy	Heavy Snow	Cloudy
13	29.83	30.03	23	20	20	25	14	11	86	51	N	14	N	12	294	22	.88	Heavy Snow	Clear	Cloudy
14	30.27	30.38	7	12	13	19	7	12	51	71	N	15	N W	12	326	23	.0	Clear	Clear	Clear
15	30.42	30.23	10	21	14	22	5	17	78	71	N	14	N E	13	325	30	.0	Cloudy	Cloudy	Cloudy
16	29.96	30.14	25	23	26	33	19	14	74	63	N	12	N	10	239	24	T	Cloudy	Clear	Clear
17	30.19	29.96	14	23	19	27	11	16	66	66	N	6	N E	12	197	21	.0	Partly Cl'dy	Cloudy	Partly Cl'dy
18	29.77	30.04	27	25	26	33	19	14	76	74	N	6	W	4	285	35	.30	Cloudy	Clear	Clear
19	30.00	29.85	20	35	29	43	15	28	76	86	E	2	S W	7	165	18	.0	Cloudy	Cloudy	Cloudy
20	29.93	99.81	27	31	32	37	26	11	52	84	W	8	S W	7	245	30	T	Clear	Cloudy	Partly Cl'dy
21	29.87	30.32	29	19	22	31	14	17	77	60	W	10	N	8	250	29	.0	Cloudy	Clear	Partly Cl'dy
22	30.39	30.28	15	33	22	34	10	24	67	90	S W	6	S W	7	184	16	.0	Clear	Cloudy	Partly Cl'dy
23	30.06	29.91	35	44	40	45	34	11	91	66	S W	7	S W	14	265	24	.01	Light Rain	Cloudy	Cloudy
24	29.97	30.33	45	21	30	46	15	31	82	63	W	12	N E	16	336	29	T	Cloudy	Cloudy	Cloudy
25	30.48	30.41	12	16	14	18	10	8	48	90	N E	20	N E	16	423	29	.07	Cloudy	Light Snow	Cloudy
26	30.50	30.42	18	24	20	24	16	8	84	80	N E	17	N E	14	358	25	.27	Light Snow	Cloudy	Cloudy
27	30.01	29.61	33	35	30	36	24	12	90	100	N E	12	N	7	203	20	1.07	Light Rain	Misting	Cloudy
28	29.15	29.52	47	27	34	47	22	25	100	58	S W	10	S W	16	343	34	.21	Foggy	Clear	Partly Cl'dy
29	29.88	30.03	21	26	24	30	19	11	63	63	S W	15	S W	12	393	30	.0	Clear	Clear	Clear
30	30.08	30.06	25	29	28	34	23	11	68	77	S W	8	W	3	168	40	T	Cloudy	Clear	Partly Cl'dy
31	29.94	29.75	28	43	36	48	24	24	70	55	S W	8	S W	12	230	20	.0	Clear	Clear	Clear
Month Ave's.	30.04	30.05	24	26	25	32	18	14	71	70	S W	10	S W	10	258	35	3.64			

SUMMARY.

BAROMETER.

Monthly Mean, 30.04 inches.

Highest, 30.50 in.; Date, 26.

Lowest, 29.15 in.; Date, 28.

Monthly range, 1.35 inches.

TEMPERATURE.

Monthly Mean, 25 degrees.
Highest, 48 degrees; Date, 31.
Lowest, 5 degrees; Date, 15.
Absolute range, 43 degrees.
Greatest daily range, 31 degrees; Date, 24.
Least daily range, 5 deg.; Date, 10.
Mean daily range, 15 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 825 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 11 miles.
Max. velocity and direction, 33 W; Date, 28.
Total monthly movement, 7,958 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 19.
*Greatest 24 hour precipitation, (in. and 100ths), 1.38; on 12–13th.
Total monthly precipitation, (in. and 100ths), 3.64 in.
Total depth of snowfall (in.), 27.
Dates of thunder storms, 0.

Accumulated deficiency of precipitation since Jan. 1st, 6.32 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---33 deg.		1889---39 deg.	
1874---33	"	1890---27	"
1875---33	"	1891---39	"
1876---26	"	1892---28	"
1877---38	"	1893---31	"
1878---34	"	1894---32	"
1879---35	"	1895---35	"
1880---28	"	1896---29	"
1881---38	"	1897---34	"
1882---30	"	1898---31	"
1883---30	"	1899---34	"
1884---32	"	1900---33	"
1885---33	"	1901---31	"
1886---28	"	1902---29	"
1887---32	"	1903---27	"
1888---33	"	1904---25	"

COM. RAINFALL. (Inches and 100ths.)

1873---4.41		1889---2.62	
1874---2.85		1890---2.90	
1875---1.39		1891---3.74	
1876---2.38		1892---1.72	
1877---1.46		1893---3.22	
1878---5.50		1894---3.33	
1879---4.44		1895---1.91	
1880---3.49		1896---2.40	
1881---4.75		1897---5.61	
1882---2.99		1898---2.11	
1883---3.85		1899---1.56	
1884---6.41		1900---2.14	
1885---3.31		1901---7.65	
1886---3.47		1902---6.49	
1887---3.09		1903---2.53	
1888---5.68		1904---3.64	

Monthly mean humidity, 70 per cent. Monthly mean dew point, 17. Number of clear days, 8. Number of fair days, 9. Number of cloudy days, 14.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 116 feet. Elevation of rain and snow gauges, 111 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIX. No. 1.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, LL.D., NEW HAVEN, PRES.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. MCKENZIE, CIVIL ENG., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ATT'Y-AT-LAW, NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JANUARY, 1905

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of January, 1905, and a Statement of the Births and Marriages for the Month of December, 1904.

Total estimated population of the State is 973,177.

TOWNS.	Estimated Population.	Living Births in Dec.	Still Births in Dec.	Marriages in Dec.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,616	34	2	4	14	12.3	1	----	7.1	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	1	3	----	7
Branford,	6,204	11	2	1	8	15.4	1	----	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	2	1	----	2
Bridgeport,	79,848	180	6	46	119	17.6	18	6	20.1	----	----	1	5	----	2	----	----	----	----	----	----	1	15	22	1	9	7	6	50
Bristol,	10,547	24	3	5	11	12.5	2	----	18.1	----	----	----	----	----	----	----	----	1	----	----	1	----	2	1	----	1	----	1	4
Danbury,	19,475	29	1	9	34	20.3	5	----	14.7	----	----	----	5	----	----	----	----	----	----	----	1	----	4	----	1	6	4	2	11
Derby,	8,714	15	2	6	13	18.0	7	----	53.8	----	----	----	----	----	----	----	----	----	----	----	1	----	1	5	1	----	----	1	4
East Hartford,	7,186	15	1	3	9	15.0	2	----	22.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	4	----	3
Enfield,	6,499	20	1	3	9	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	1	2	----	3
Greenwich,	12,988	21	1	6	20	10.7	3	----	15.0	----	----	----	1	----	1	----	----	----	----	----	----	1	2	----	2	2	3	1	7
Groton,	6,130	10	1	5	10	19.5	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	----	----	1	2	----	5
Hartford,	90,498	169	9	41	162	20.1	33	15	29.6	----	2	1	7	1	17	----	----	4	----	----	3	1	8	19	4	15	12	4	64
Huntington,	6,198	8	----	2	6	11.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	1	1	1	----
Killingly,	6,759	11	2	5	10	17.9	3	----	30.0	----	----	----	2	----	----	----	----	----	----	----	----	----	1	2	1	----	----	----	4
Manchester,	11,552	27	----	1	12	12.4	4	2	50.0	----	----	----	----	1	----	----	----	----	----	----	----	----	1	3	----	1	----	----	6
Meriden,	30,003	57	----	5	36	14.3	2	2	11.1	----	----	----	6	----	----	----	----	----	----	----	----	----	8	6	1	3	----	1	11
Middletown,	18,398	26	1	6	35	8.9	5	1	17.1	----	----	----	----	1	----	----	----	----	----	----	----	----	3	4	----	9	5	2	11
Naugatuck,	12,270	28	----	2	20	19.5	4	3	35.0	----	----	----	2	----	----	----	----	----	----	----	1	----	5	5	----	1	1	----	5
New Britain,	31,880	93	2	17	34	12.4	6	1	20.5	----	----	----	2	1	----	----	----	1	1	----	----	----	2	5	----	4	5	2	11
New Haven,	116,820	275	8	58	198	19.6	32	14	23.2	----	----	----	10	5	----	----	2	1	1	----	3	----	24	28	4	27	14	14	65
New London,	19,064	34	2	17	25	15.7	3	----	12.0	----	----	----	2	----	----	----	----	----	----	----	----	----	2	3	----	5	4	1	8
New Milford,	5,158	6	----	1	6	13.9	2	----	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	1	----	----	----	2
Norwalk,	20,806	32	3	15	30	15.5	3	1	13.3	----	----	----	2	1	----	1	1	1	----	----	1	----	4	4	----	2	1	2	10
Norwich,	25,272	43	----	16	38	16.1	6	1	18.4	----	----	----	2	----	----	----	1	----	----	----	----	----	1	6	1	6	6	1	14
Orange,	7,978	10	----	3	8	12.0	----	1	12.5	----	----	----	1	----	----	----	----	2	----	----	----	----	----	2	1	----	1	----	1
Putnam,	7,682	14	2	1	8	12.4	1	----	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	1	2	----	2
Southington,	6,045	6	2	2	5	9.9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	2
Stamford,	20,094	35	2	14	36	21.4	2	1	8.3	----	----	----	----	----	1	----	----	----	----	----	----	----	2	7	1	5	4	1	15
Stonington,	9,082	18	----	5	11	14.5	3	----	27.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	1	1	3	----	3
Thompson,	6,786	11	----	3	3	5.3	2	----	66.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	----	----	----
Torrington,	15,015	27	1	4	22	17.5	6	2	36.3	----	----	----	----	----	----	----	----	----	----	----	1	----	3	2	----	2	1	----	13
Vernon,	8,353	16	----	2	11	15.8	2	1	27.2	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	1	2	3	3
Wallingford,	9,967	24	----	4	12	14.4	3	----	----	----	----	----	----	1	1	----	----	----	----	----	----	----	----	1	----	----	----	----	8
Waterbury,	58,313	145	9	22	83	17.0	14	5	22.8	----	----	----	2	1	5	----	1	----	----	1	----	----	12	9	4	11	5	4	28
Winchester,	8,395	18	1	5	14	18.2	1	----	7.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	2	1	2	8
Windham,	10,179	19	1	9	16	18.9	4	----	25.0	----	----	1	----	----	----	----	----	1	----	----	----	----	2	3	1	1	2	----	5
Total of the 35 above towns,	733,774	1446	65	348	1088	17.7	180	56	21.6	----	2	3	49	11	28	1	6	12	1	1	12	3	115	150	29	122	98	50	395
131 towns of less than 5,000 inhabitants,	235,930	343	18	75	314	15.9	42	19	19.4	----	1	4	17	1	9	----	----	----	----	1	----	3	1	19	39	10	46	37	14	112
Total reported from 166 towns,	969,704	1789	83	423	1402	17.3	222	75	21.1	----	3	7	66	12	37	1	6	12	2	1	15	4	134	189	39	168	135	64	507
Population of towns not reporting,	3,473																												

The Mortality in Public Institutions of the State was: in Bridgeport, 13; in Danbury, 2; in Hartford, 49; in Middletown, 16; in New Britain, 4; in New Haven, 32; in Norwalk, 4; in Norwich, 6; and in Winchester, 2. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in January: Bethany, Bethlehem, Bozrah, Canterbury, Clinton, Colebrook, Cornwall, East Haven, East Lyme, Ellington, Hampton, Killingworth, Lisbon, Marlborough, New Hartford, Oxford, Preston, Prospect, Redding, Rocky Hill, Salem, South Windsor, Tolland, Voluntown, Warren, Weston, Willington, Woodbridge—28.

The Registrars of the following towns have made no report for January: East Granby, Wethersfield—2.

REMARKS.

By Mortality Reports received there were 1,402 deaths during the month of January. This was 141 more than in December, and 38 less than in January of last year, and 35 more than the average number of deaths in January for the five years preceding.

	1905	1904	1903	1902	1901	1900
January,	1402	1440	1420	1172	1439	1367

The death-rate was 17.7 for the large towns, for the small towns 15.9, and for the whole State 17.3.

The deaths reported from infectious diseases were 166, being 11.8 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—Ansonia, 2; Avon, 5; Bloomfield, 12; Bridgeport, 2; Bristol, 4; Derby, 1; East Hartford, 2; Farmington (epidemic); Glastonbury, 12; Goshen, 1; Hartford, 116; Mansfield, 2; Meriden (city), 1; Middletown (city), 3; Middletown (town), 1; Naugatuck, 6; New Britain (city), 3; New Hartford, 3; New Haven, 2; Newtown, 1; Putnam, 4; Rocky Hill, 7; Southington, 4; South Norwalk (city), 1; Stamford (city), 9; Thompson, 1; Tolland, 1; West Hartford, 12; West Haven (borough), 1; Willimantic (city), 3; Windsor Locks, 6.—Total, 228+ in 30 towns.

Scarlet Fever.—Ansonia, 3; Bridgeport, 21; Canton, 2; Colchester, 1; Columbia, 1; Cromwell, 1; Danbury, 5; Derby, 2; East Hartford, 1; Enfield, 1; Fairfield, 4; Franklin, 1; Glastonbury, 12; Greenwich, 7; Haddam, 5; Hartford, 12; Jewett City (borough), 2; Kent, 2; Killingly, 1; Manchester, 2; Meriden (city), 2; Middletown (city), 4; Middletown (town), 2; New Britain (city), 1; New Hartford, 2; New Haven, 15; Newington, 2; North Haven, 2; North Stonington, 4; Norwalk, 1; Portland, 1; Simsbury, 2; Southington, 3; South Windsor, 1; Stamford (city), 3; Stonington, 12; Suffield, 1; Thomaston, 1; Torrington (town and borough), 5; Wallingford, 6; Warren, 1; Washington, 3; Waterbury, 11; Watertown, 1; West Haven (borough), 1; Westport, 4; Willimantic (city), 3; Windham, 1; Windsor Locks, 1; Winsted (borough), 2.—Total, 184 in 50 towns.

Diphtheria and Croup.—Berlin, 3; Bethel, 1; Bridgeport, 17; Bristol, 2; Danbury (city), 2; Darien, 1; East Hartford, 5; Easton, 3; Ellington, 1; Enfield, 1; Greenwich, 2; Haddam, 4; Hamden, 1; Hartford, 86; Litchfield (town and borough), 3; Manchester, 2; Middletown (city), 1; Middletown (town), 1; New Britain (city), 5; New Haven, 9; New London, 3; North Stonington, 1; Norwalk, 2; Norwich (city), 1; Plainville, 2; Plymouth, 3; Portland, 4; Simsbury, 1; Stafford, 2; Stamford (city), 5; Stamford (town), 2; Thomaston, 1; Wallingford, 1; Waterbury, 15; West Hartford, 9; West Haven (borough), 1; Westport, 2; Wilton, 2; Windham, 1.—Total, 208 in 39 towns.

Cerebro-Spinal Fever.—Hartford, 1; Windsor 1.—Total, 2 in 2 towns.

Whooping Cough.—Bethany, 4; Bristol, 4; Chatham, 10; Griswold, 1; Manchester, 1; Naugatuck, 8; New London, 2; North Canaan, 1; Norwalk (city), 20; Prospect, 4.—Total, 55 in 10 towns.

Typhoid Fever.—Bridgeport, 1; Chatham, 1; Hartford, 7; New Britain (city), 4; New Haven, 6; New London, 1; Norwalk, 1; Norwich (city), 1; Orange, 1; Rockville (city), 1; Roxbury, 1; Stamford (city), 2; Waterbury, 2.—Total, 29 in 14 towns.

Consumption.—Ansonia, 4; Avon, 1; Bridgeport, 3; Canaan, 1; Canterbury, 1; Chester, 1; Hartford, 7; Huntington, 1; Norwalk (city), 2; Norwalk (town), 1; Norwich (city), 1; Portland, 3; Putnam, 2; Saybrook, 1; Stamford (city), 1; Sterling, 1; Waterbury, 14; Watertown, 1.—Total, 46 in 18 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Barkhamsted, Beacon Falls, Bethlehem, Bolton, Bozrah, Branford (town and borough), Brookfield, Brooklyn, Burlington, Chaplin, Cheshire, Clinton, Colebrook, Coventry, Cornwall, Danielson (borough), Durham, Eastford, East Haddam, East Haven, East Lyme, East Windsor, Essex, Granby, Groton (borough), Guilford, Hampton, Hartland, Hebron, Killingworth, Ledyard, Lyme, Madison, Marlborough, Meriden, Middlebury, Milford, Monroe, Montville, Morris, New Britain, New Canaan (town and borough), New Fairfield, New Milford, Norfolk, North Branford, Old Lyme, Oxford, Plainfield, Pomfret, Redding, Ridgefield (town and borough), Salem, Salisbury, Scotland, Seymour, Sherman, Somers, Southbury, Sprague, Stafford Springs (borough), Stratford, Trumbull, Union, Vernon, Voluntown, Waterford, Westbrook, Weston, Wethersfield, Willington, Winchester, Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 78.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Canton, 1.

Scarlet Fever.—Chester, 1; Columbia, 1; North Stonington, 1; Washington, 1.—Total, 4.

La Grippe.—Cheshire, 1; East Windsor, 1; Guilford, 1; Harwinton, 1; Mansfield, 1; Milford, 1; New Canaan, 1; North Haven, 1; Plymouth, 1; Salisbury, 1; Seymour, 1; Suffield, 1; Trumbull, 1; Westport, 1; Windsor, 2; Windsor Locks, 1.—Total, 17.

Cerebro-Spinal Fever.—Granby, 1.

Diphtheria and Croup.—Berlin, 1; Darien, 1; Easton, 2; Haddam, 1; Portland, 2; Westport, 1; Wilton, 1.—Total, 9.

Consumption.—Canton, 1; Chatham, 1; Farmington, 1; Hamden, 1; Lebanon, 1; Newton, 1; Plainfield, 1; Portland, 3; Ridgefield, 1; Salisbury, 4; Saybrook, 1; Sterling, 1; Stratford, 1; Windsor, 1.—Total, 19.

All the Health Officers of New Haven, Windham and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

Hartford Co.—East Granby.

New London Co.—Groton, Lebanon, Lisbon, Norwich, Preston.

Fairfield Co.—Shelton (borough).

Litchfield Co.—Bridgewater, Harwinton, Sharon.

Middlesex Co.—Middlefield, Old Saybrook.

TO HEALTH OFFICERS.

This office is in receipt every month of reports of infectious diseases from Health Officers, without their signature or the name of the town to which the report applies. This is mere carelessness, habitual in some people. Of course as the author of such reports is not known, he cannot be credited in the Bulletin with making his report.

VACCINE VIRUS.

It is a matter of great satisfaction to physicians and a source of confidence to the laity to know that the supplies of vaccine in the market are subject, by Act of Congress, to the continuous observation of the U. S. Government.

At the Hygienic Laboratory of the Public Health and Marine Hospital Service, at Washington, samples bought in the open market from the various producers of vaccine are constantly tested as to their purity and activity. Not only must the products be of a definite standard as to quality, but the establishment where they are produced is subject to inspection, and must also be conducted and maintained in a sanitary condition, in order to receive and hold a license to produce vaccine.

The following establishments have been inspected and licensed:

Parke, Davis & Co., Detroit, Mich.
H. K. Mulford Co., Philadelphia, Pa.
Dr. H. M. Alexander & Co., Marietta, Pa.
The Penn. Vaccine Co., Conewago, Pa.
The Fluid Vaccine Co., Milwaukee, Wis.
The Pocono Laboratory, Swiftwater, Pa.
The National Vaccine Establishment, Washington, D. C.
Frederick Stearns & Co., Detroit, Mich.

By reason of this supervision of the production of Vaccine Virus by the U. S. Government, it is not only possible, but it becomes the duty of every physician to obtain the vaccine he uses from a licensed producer.

Thus modern science has so far eliminated the dangers of vaccination, that the operation, with due care, is as safe as getting shaved in a barber's shop.

With virus obtained from any of the above sources, if unfavorable results follow, they can be justly ascribed to neglect of surgical precautions or an unscientific operation, or more frequently to an exposure of the vaccine vesicle to subsequent septic influences by the patient, or those having the patient in charge.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, February 15, 1905.

METEOROLOGICAL REPORT FOR THE MONTH OF JANUARY, 1905.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date	Barometer.† 8 A.M.	Barometer.† 8 P.M.	Temperature.‡ 8 A.M.	Temperature.‡ 8 P.M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	Relative Humidity.‖ 8 A.M.	Relative Humidity.‖ 8 P.M.	Wind. 8 A.M. Direction from	Wind. 8 A.M. Vel. in m. per h.	Wind. 8 P.M. Direction from	Wind. 8 P.M. Vel. in m. per h.	Wind. Daily Movement.	Wind. Max. velocity for a single Mile.	Precipitation.* Am't inc. melted snow Inches and 100ths.	Character of Weather. 8 A.M.	Character of Weather. 8 P.M.	Character of Day.
1	29.78	29.91	40	40	44	52	35	17	68	83	W	11	S E	2	162	14	.0	Clear	Clear	Clear
2	29.80	29.66	34	40	37	40	34	6	81	96	W	2	N E	3	65	8	.05	Partly Cl'dy	Foggy	Cloudy
3	29.61	29.61	36	23	29	40	18	22	86	86	N E	22	N	33	558	53	.38	Cloudy	Light Snow	Cloudy
4	29.50	30.07	10	11	13	19	7	12	73	53	N	24	N W	11	481	41	.27	Light Snow	Clear	Partly Cl'dy
5	30.36	30.54	5	17	15	27	3	24	63	66	W	6	N E	9	163	17	.0	Clear	Clear	Clear
6	30.51	30.14	9	32	24	40	9	31	82	92	N E	20	N E	22	519	42	.95	Light Snow	Light Rain	Cloudy
7	29.42	29.52	47	36	42	52	32	20	100	86	S E	17	S W	8	478	45	.50	Light Rain	Clear	Cloudy
8	29.82	30.22	29	28	29	32	26	6	77	65	S W	10	S W	12	362	29	T	Clear	Clear	Partly Cl'dy
9	30.59	30.60	21	30	26	32	20	12	63	56	N W	4	S	10	204	16	.0	Clear	Cloudy	Clear
10	30.40	30.61	32	26	29	36	22	14	61	48	S W	9	W	8	241	26	T	Clear	Clear	Partly Cl'dy
11	30.70	30.61	22	29	26	30	21	9	58	52	N	6	N E	3	148	14	.0	Cloudy	Cloudy	Cloudy
12	30.11	29.86	36	39	36	44	29	15	100	96	N E	7	S W	8	172	14	.72	Light Rain	Cloudy	Cloudy
13	30.17	30.27	28	21	29	40	18	22	59	56	N W	18	N W	9	317	28	.0	Clear	Cloudy	Partly Cl'dy
14	30.25	30.39	16	15	16	23	10	13	62	49	W	7	N W	6	242	19	T	Clear	Clear	Clear
15	30.42	30.23	8	20	15	23	7	16	71	48	W	8	S W	10	232	18	.0	Clear	Clear	Clear
16	30.13	30.05	19	25	22	28	17	11	63	74	N W	9	S W	9	236	19	.0	Clear	Cloudy	Clear
17	30.07	30.12	25	32	28	35	22	13	68	69	W	8	S	5	211	20	.0	Clear	Clear	Clear
18	30.15	30.20	25	32	32	40	24	16	49	74	N W	4	S	9	142	12	.0	Clear	Clear	Clear
19	29.86	29.71	36	42	38	45	31	14	73	62	S	9	S W	8	268	24	.0	Partly Cl'dy	Clear	Partly Cl'dy
20	29.89	30.07	36	32	34	40	28	12	51	79	N	5	N	6	192	15	.0	Clear	Clear	Clear
21	30.18	30.15	25	30	30	35	24	11	62	89	N	6	N E	3	113	11	.10	Partly Cl'dy	Light Snow	Cloudy
22	30.04	30.11	35	27	29	37	21	16	93	64	S W	3	N W	12	198	20	.19	Light Rain	Clear	Cloudy
23	30.32	30.32	14	15	18	22	13	9	66	48	N	6	N	5	204	17	.10	Clear	Clear	Clear
24	30.23	29.92	9	19	14	19	9	10	46	72	N E	12	N E	20	340	30	.11	Clear	Light Snow	Partly Cl'dy
25	29.59	29.61	12	9	12	17	7	10	80	72	N E	32	N W	26	703	40	.87	Light Snow	Cloudy	Cloudy
26	29.86	30.12	1	9	6	12	1	11	56	59	N W	20	N W	16	448	33	.0	Clear	Clear	Clear
27	30.23	30.07	8	24	16	26	7	19	57	73	S W	6	W	10	239	21	.0	Clear	Cloudy	Partly Cl'dy
28	29.96	30.14	23	20	24	33	15	18	66	40	S	6	W	10	208	34	T	Cloudy	Clear	Partly Cl'dy
29	30.38	30.38	7	18	16	25	6	19	85	74	W	6	W	4	129	12	.0	Clear	Clear	Clear
30	30.45	30.48	15	18	19	25	13	12	67	46	N E	8	N W	7	203	20	.0	Cloudy	Clear	Cloudy
31	30.54	30.39	7	18	16	24	7	17	65	66	N E	7	W	3	184	14	.0	Clear	Clear	Partly Cl'dy
Month Ave's.	30.11	30.13	22	25	25	32	17	15	69	68	N E	10	N W	10	270	53	4.14			

SUMMARY.

Barometer.

Monthly Mean, 30.12 inches.

Highest, 30.70 in.; Date, 11.

Lowest, 29.42 in.; Date, 7.

Monthly range, 1.28 inches.

Temperature.

Monthly Mean, 25 degrees.
Highest, 52 degrees; Date, 1.
Lowest, 1 degree; Date, 26.
Absolute range, 51 degrees.
Greatest daily range 31 degrees; Date, 6.
Least daily range, 6 deg.; Date, 8.
Mean daily range, 15 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 87 degrees.

Wind.

Prevailing direction, N.
Mean hourly velocity, 11 miles.
Max. velocity and direction, 53 N E; Date, 3.
Total monthly movement, 8,362 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 14.
*Greatest 24 hour precipitation, (in. and 100ths), 1.34; on 6–7th.
Total monthly precipitation, (in. and 100ths), 4.14 in.
Total depth of snowfall (in.), 18.2
Dates of thunder storms, 0.

Accumulated deficiency of precipitation since Jan. 1st., .17 inches.

Compar. Temp. (Mon. Mean.)

1873---21 deg.	1890---35 deg.		
1874---32 "	1891---31 "		
1875---23 "	1892---27 "		
1876---35 "	1893---20 "		
1877---27 "	1894---30 "		
1878---31 "	1895---27 "		
1879---26 "	1896---25 "		
1880---37 "	1897---28 "		
1881---21 "	1898---29 "		
1882---27 "	1899---28 "		
1883---24 "	1900---30 "		
1884---24 "	1901---28 "		
1885---27 "	1902---27 "		
1886---25 "	1903---29 "		
1887---25 "	1904---21 "		
1888---21 "	1905---25 "		
1889---34 "			

Com. Rainfall. (Inches and 100ths.)

1873---7.42	1890---3.07
1874---4.29	1891---6.77
1875---2.72	1892---5.39
1876---1.54	1893---3.47
1877---2.60	1894---2.74
1878---6.80	1895---5.13
1879---2.69	1896---1.82
1880---3.75	1897---3.85
1881---4.79	1898---4.96
1882---5.91	1899---3.33
1883---3.60	1900---3.60
1884---4.63	1901---1.38
1885---4.05	1902---1.83
1886---3.53	1903---3.17
1887---4.24	1904---2.78
1888---5.48	1905---4.14
1889---4.47	

Monthly mean humidity, 68 per cent. Monthly mean dew point, 15. Number of clear days, 12. Number of fair days, 9. Number of cloudy days, 10.

Notes.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 116 feet. Elevation of rain and snow gauges, 111 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIX. NO. 2.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, LL.D., NEW HAVEN, PRES.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. McKENZIE, CIVIL ENG., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ATT'Y-AT-LAW, NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF FEBRUARY, 1905

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of February, 1905, and a Statement of the Births and Marriages for the Month of January, 1905.

Total estimated population of the State is 973,177.

TOWNS.	Estimated Population.	Living Births in Jan.	Still Births in Jan.	Marriages in Jan.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,616	43	3	10	20	17.6	5	1	30.0				2								1	1		3	4	2	1		6
Branford,	6,264	12	4	7	5	9.7	1	1	10 0														1	2					2
Bridgeport,	79,848	169	4	62	99	14.7	20	9	29.3			1	5	2	2	1					1		12	18	4	13	6	2	32
Bristol,	10,547	21	2	6	20	22.8	5		25.0				1	3									1	7		2	1		5
Danbury,	19,475	28	5	8	27	16.0	2	1	11.1												1		2	4	3	5	5		7
Derby,	8,714	25	1	14	13	17.9	4		30.8				1								1			2	1		1		7
East Hartford,	7,186	10		2	5	8.3		2	40.0				2								1					1			1
Enfield,	6,499	19	1	9	12	22.3	1	1	16.7				2										4		1	1	1	1	2
Greenwich,	12,088	15	3	2	13	12.0	7	1	61.5				1		1						1			1		1			8
Groton,	6,130	11	1	4	10	19.6	1		10.0														1	2		2		1	4
Hartford,	99,498	159	10	64	126	15.3	23	8	24.6				1		10		2	1			1		19	17	3	8	14	4	46
Huntington,	6,198	15		2	11	21.2																1		2		1	1		6
Killingly,	6,759	6		2	11	19.5	1	1	18.2			1	1											3			2		4
Manchester,	11,552	27		10	13	13.5	1	1	15.4						1									4		2	2	2	2
Meriden,	30,003	44	4	20	31	12.3	4	4	23.5				2				1						3	3	2	3	3	1	13
Middletown,	18,398	33		12	34	13.8	3		8.8				1	2				1				1	5	3	1	4	7		9
Naugatuck,	12,270	31	1	10	10	9.8	3		30.0				1									1		4		2			2
New Britain,	31,880	79	6	36	48	18.0	13	3	6.3				1	2	1								6	7	4	7	2	2	16
New Haven,	116,820	262	7	79	204	20.0	45	17	30.3				8	11	3		2	1		1			13	38	10	31	14	12	60
New London,	19,064	33		15	34	21.4	1	1	5 9				3										3	7	3	4	3		11
New Milford,	5,158	8		1	8	18.6	1	1	25 0															2		1	2		3
Norwalk,	20,806	35	5	14	27	14.4	1	1	7.8				1										3	2		7	3	2	9
Norwich,	25,272	38	1	25	33	14.2	2	1	9 0				8											5		4	2	2	12
Orange,	7,978	8	2	1	13	19.5	1	1	15.4				2										1	4		1	1	1	3
Putnam,	7,682	14		5	16	23.4	3	1	25.0					1	1						1	2	1		1		1	8	
Southington,	6,045	11	1	4	9	17.9	1		11.1														1	2		1	2		3
Stamford,	20,094	35	2	17	40	23.3	4	2	15.0				5		1						1	1	3	5	1	3	4	2	14
Stonington,	9,082	15			15	19.8	1	2	20 0					1									3	3			3		5
Thompson,	6,786	10	1	3	6	10.6	3		50.0				1								1		1		1				2
Torrington,	15,015	45		7	11	8.7	4	1	45.5															2			2		7
Vernon,	8,353	18		9	13	18.7	2		15 4											1			1	1	1	1	1		6
Wallingford,	9,667	25		6	7	8.4	1		14.3														1	1				2	3
Waterbury,	58,313	134	8	41	68	13.8	14	8	32.3				5		2			1				1	8	10		5	4	8	24
Winchester,	8,395	14		4	12	15.8	1	1	16.5				1										2			3	1		5
Windham,	10,179	27		14	15	17.7		4	26 7				1			1							4	2	2	2			3
Total of the 35 above towns,	733,774	1479	72	525	1039	16.9	179	74	24.3			2	56	22	22	3	5	3		2	10	8	99	166	42	117	89	51	342
131 towns of less than 5,000 inhabitants,	236,942	355	15	91	323	16.3	39	15	16.7		1		34	5	3	1	1			1	1		22	56	10	38	31	11	108
Total reported from 166 towns,	970,716	1834	87	616	1362	16.8	218	89	22.5		1	2	90	27	25	4	6	3		3	11	8	121	222	52	155	120	62	450
Population of towns not reporting,	2,461																												

The Mortality in Public Institutions of the State was: in Bridgeport, 12; in Danbury, 1; in Hartford, 46; in Meriden, 3; in Middletown, 15; in New Britain, 1; in New Haven, 40; in Norwalk, 4; in Norwich, 5; in Putnam, 1; in Stamford, 2; in Waterbury, 4; and in Winchester, 3. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in February: Andover, Barkhamsted, Beacon Falls, Bethany, Bethlehem, Bolton, Bozrah, Brookfield, Eastford, Farmington, Goshen, Killingworth, Lisbon, Lyme, Marlborough, Middlebury, Middlefield, New Fairfield, North Branford, North Haven, Old Lyme, Roxbury, Salem, South Windsor, Tolland, Union, Voluntown, Washington, Wolcott—29.

The Registrars of the following towns have made no report for February: Ellington, Morris—2.

REMARKS.

By Mortality Reports received there were 1,362 deaths during the month of February. This was 49 less than in January, and 25 less than in February of last year, and 61 more than the average number of deaths in February for the five years preceding.

	1905	1904	1903.	1902	1901	1900
*January,	1411	1440	1420	1172	1439	1367
February,	1362	1387	1303	1124	1381	1261

The death-rate was 16.9 for the large towns, for the small towns 16.3, and for the whole State 16.8.

The deaths reported from infectious diseases were 170, being 12.4 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—Beacon Falls, 1; Bethel, 1; Bloomfield, 1; Branford, 1; Bridgeport, 1; East Hartford, 33; Farmington (epidemic); Glastonbury, 4; Goshen, 3+; Granby, 5; Hamden, 1; Hartford, 51; Harwinton, 8; Mansfield, 1; Middletown (city), 2; New Britain (city), 12; New Fairfield, 5; New Haven, 1; New London, 1; Newtown, 6; Rockville (city), 1; Sharon, 1; Southington, 1; South Windsor, 4; Torrington (town and borough), 25; Washington, 3; Waterbury, 2; West Hartford, 4; Windsor Locks, 1.—Total, 180+ in 29 towns.

Scarlet Fever.—Avon, 5; Berlin, 2; Bridgeport, 15; Chester, 1; Coventry, 1; Derby, 5; East Granby, 6; East Hartford, 1; Farmington, 1; Glastonbury, 5; Greenwich, 3; Haddam, 2; Hamden, 1; Hartford, 10; Kent, 1; Killingly, 2; Manchester, 2; Meriden (city), 3; Meriden (town), 2; Middletown (city), 5; Middletown (town), 2; New Britain (city), 4; New Haven, 6; New Milford, 1; North Haven, 1; Rocky Hill, 4; Seymour, 1; Southington, 3; South Norwalk (city), 2; Sprague, 1; Wallingford, 1; Washington, 2; Waterbury, 11; West Haven (borough), 5; Weston, 2; Westport, 1.—Total, 120 in 34 towns.

†**Diphtheria and Croup.**—Bozrah, 1; Bridgeport, 14; Darien, 1; East Haddam, 4; East Hartford, 4; Greenwich, 2; Groton (borough), 3; Haddam, 3; Hartford, 54; Manchester, 4; Naugatuck, 1; New Britain (city), 3; New Britain (town), 1; New Haven, 8; New London, 1; North Stonington, 6; Norwalk (city), 1; Norwalk (town), 2; Norwich (town), 1; Putnam, 4; Sharon, 4; Stafford, 1; Stamford (city), 14; Stratford, 4; Torrington (town and borough), 2; Vernon, 1; Wallingford, 1; Waterbury, 6; Wilton, 1.—Total, 152 in 29 towns.

Cerebro-Spinal Fever.—Bridgeport, 4; Glastonbury, 1; Middletown (city), 1; New Haven, 5; Newtown, 2; Plymouth, 1.—Total, 14 in 6 towns.

Whooping Cough.—Bethany, 4; Bridgeport, 1; Greenwich, 7; Mansfield, 2; Norwalk (city), 5; Tolland, 4; Willimantic (city), 6.—Total, 29 in 7 towns.

Typhoid Fever.—Bloomfield, 1; Bridgeport, 3; Ellington, 1; Glastonbury, 1; Hartford, 3; Naugatuck, 1; New Haven, 2; Newtown, 2; Waterbury, 1.—Total, 15 in 9 towns.

Consumption.—Ansonia, 1; Bridgeport, 11; Cornwall, 1; Hartford, 4; Manchester, 1; Middletown, 1; New Britain (city), 2; Norwalk (city), 1; Norwich (city), 2; Putnam, 2; Rockville (city), 1; South Norwalk (city), 3; Stamford (city), 1; Waterbury, 10; Willimantic (city), 1.—Total, 42 in 15 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Barkhamsted, Bethlehem, Bolton, Bridgewater, Brookfield, Brooklyn, Burlington, Canaan, Canterbury, Canton, Chaplin, Chatham, Cheshire, Clinton, Colchester (town and borough), Colebrook, Columbia, Cromwell, Danbury (city), Danbury (town), Danielson (borough), Durham, Eastford, East Haven, East Lyme, Easton, East Windsor, Enfield, Fairfield, Franklin, Griswold, Guilford, Hampton, Hebron, Huntington, Jewett City (borough), Killingworth, Lebanon, Ledyard, Lisbon, Litchfield (town and borough), Madison, Marlborough, Middlebury, Milford, Monroe, Montville, Morris, New Canaan (town and borough), New Hartford, Newington, Norfolk, North Branford, North Canaan, Orange, Oxford, Plainfield, Plainville, Pomfret, Portland, Prospect, Redding, Roxbury, Salem, Salisbury, Saybrook, Scotland, Shelton (borough), Sherman, Somers, Southbury, Stafford Springs (borough), Stamford, Sterling, Stonington, Suffield, Thomaston, Thompson, Union, Voluntown, Warren, Waterford, Watertown, Wethersfield, Wilton, Winchester, Windham, Windsor, Winsted (borough), Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 95.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Plainfield, 1.

La Grippe.—Bridgewater, 1; Burlington, 1; Canaan, 1; Canterbury, 1; Columbia, 2; Cornwall, 1; East Lyme, 1; East Windsor, 1; Glastonbury, 1; Griswold, 1; Hebron, 1; Kent, 1; Lebanon, 1; Madison, 1; Mansfield, 1; New Hartford, 1; Old Saybrook, 1; Plainfield, 1; Plainville, 1; Plymouth, 5; Portland, 1; Ridgefield, 3; Saybrook, 1; Stafford, 1; Stratford, 1; Weston, 1; Westport, 1.—Total, 34.

Cerebro-Spinal Fever.—East Haven, 1; Glastonbury, 1; Newtown, 1; Plymouth, 1; Seymour, 1.—Total, 5.

Diphtheria and Croup.—Haddam, 2; Sharon 1,—Total, 3.

Whooping Cough.—Griswold, 1.

Consumption.—Ashford, 1; Burlington, 1; Cornwall, 1; East Haddam, 1; Haddam, 1; Kent, 1; Ledyard, 1; Milford, 2; New Canaan, 1; Portland, 1; Rocky Hill, 1; Sharon, 1; Simsbury, 1; Somers, 1; Sprague, 1; Stafford, 1; Sterling, 1; Stratford, 1; West Hartford, 1; Wethersfield, 1; Willington, 1.—Total, 22.

All the Health Officers of New Haven, Windham, Litchfield and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

HARTFORD CO.—Bristol, Hartland, Simsbury.

NEW LONDON CO.—Groton (town), Lyme, Old Lyme, Preston, Stonington (borough).

FAIRFIELD CO.—Ridgefield (town and borough), Trumbull.

MIDDLESEX CO.—Essex, Middlefield, Old Saybrook, Westbrook.

GLYCERINATED LYMPH.

The question is sometimes asked :—Why is glycerinated calf lymph now used to the almost entire exclusion of every other form of vaccine virus?

The answer is a very simple one and ought to be appreciated by every vaccinator and every intelligent subject of vaccination. The reason is that when glycerine is intimately mixed with the vaccine virus and remains in contact with it for a limited period, it acts as a germicide upon any disease—producing germs that may possibly be associated with the vaccine virus. Glycerine thus used, entirely eliminates the danger of suffering from what in popular phrase is sometimes called "bad matter."

All bovine virus freshly obtained, even under the most careful and vigilant precautions, is found by bacteriologists to contain other germs than that which produces the vaccine disease. Although the effects of these are mostly benignant, generally merely local, not violent and of temporary duration, yet such effects are in addition to the effects of pure vaccine and therefore not desirable. By the germicidal action of glycerine such extraneous germs are rendered inert and harmless.

This source of trouble being thus completely overcome by the discovery of this action of glycerine, only two other precautions are needed to ensure entire safety in being vaccinated. First: the usual precautions in a surgical operation, namely, clean hands of the operator, sterile instruments, proper preparation of the arm for the reception of the virus and its skillful application. Second: the care of the vaccine vesicle after it is formed, that it be not broken and so made an open sore liable to the absorption of any septic poison it may come in contact with. Even if it should be accidentally broken it is in no worse condition than any other similar scratch or broken skin on any part of the body.

Glycerinated lymph is now prepared by all the large vaccine producers in this country, and its quality is guaranteed by the constant and watchful supervision of the U. S. Public Health and Marine Hospital Service.

Thus it is seen that all the evil effects which have been attributed heretofore to vaccination are easily avoidable.

In evidence of this assertion, very recently more than 6,000 pupils in the public schools in Hartford were vaccinated without any serious results whatever.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, March 15, 1905.

* Nine delayed certificates for January have been received since the publication of the last Bulletin.

† Three cases in Salem omitted from January Bulletin.

METEOROLOGICAL REPORT FOR THE MONTH OF FEBRUARY, 1905.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date	Barometer.†		Temperature.‡						Relative Humidity.‖		Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.35	30.17	10	24	18	26	9	17	65	80	N W	3	S W	5	132	10	T	Clear	Partly Cl'dy	Partly Cl'dy
2	30.06	30.11	21	11	16	24	7	17	68	53	N W	9	W	16	283	22	T	Cloudy	Clear	Partly Cl'dy
3	30.25	30.40	5	12	12	19	4	15	46	56	N W	3	W	9	240	21	.0	Clear	Clear	Clear
4	30.48	30.48	4	10	10	16	3	13	50	56	N	7	N W	12	230	18	.0	Clear	Clear	Clear
5	30.57	30.45	4	21	14	24	3	21	59	56	N	13	N E	4	214	17	.04	Clear	Clear	Clear
6	30.09	29.89	24	31	24	31	18	13	87	84	N E	20	N W	5	316	26	.57	Heavy Snow	Clear	Cloudy
7	30.06	30.29	20	16	22	30	13	17	64	51	N W	13	N W	12	398	36	.0	Clear	Clear	Clear
8	30.48	30.36	11	23	19	29	9	20	49	46	N W	12	N	7	287	26	.0	Clear	Cloudy	Clear
9	30.13	29.90	24	33	27	34	20	14	80	91	N E	9	N E	7	199	18	.51	Light Snow	Light Rain	Cloudy
10	29.83	30.02	32	28	29	37	21	16	79	56	S W	5	W	20	301	30	.0	Clear	Clear	Clear
11	30.38	30.48	16	20	19	25	13	12	58	45	W	7	N W	5	244	22	.0	Clear	Clear	Clear
12	30.45	29.76	13	38	26	41	10	31	47	96	N E	6	E	24	242	29	.75	Cloudy	Light Rain	Cloudy
13	29.40	29.68	36	18	25	41	9	32	91	44	S W	11	W	14	295	23	.05	Cloudy	Clear	Cloudy
14	30.15	30.20	5	15	11	18	4	14	46	55	W	10	S W	10	253	18	.0	Clear	Clear	Clear
15	30.08	30.07	8	19	16	25	7	18	57	56	N	6	N W	14	188	26	T	Partly Cl'dy	Clear	Partly Cl'dy
16	30.38	30.35	4	18	12	20	4	16	50	68	W	7	S W	8	270	24	.0	Clear	Partly Cl'dy	Clear
17	30.14	29.91	23	31	26	34	17	17	46	78	S W	14	S W	12	181	20	T	Cloudy	Clear	Partly Cl'dy
18	30.17	30.41	18	18	21	29	13	16	61	46	W	20	W	12	469	32	.0	Clear	Clear	Clear
19	30.69	30.67	8	26	17	28	6	22	74	69	N W	3	S W	6	161	12	.0	Clear	Partly Cl'dy	Clear
20	30.54	30.29	30	33	29	34	24	10	67	95	S	9	S W	4	196	23	.14	Cloudy	Misting	Cloudy
21	30.22	30.35	35	40	38	47	30	17	58	59	N	15	E	8	204	18	.0	Clear	Clear	Clear
22	30.36	30.29	29	27	30	35	25	10	66	76	N E	16	N E	13	367	26	.0	Cloudy	Cloudy	Cloudy
23	30.18	30.09	22	31	28	35	22	13	58	60	N	12	N W	8	319	23	.0	Partly Cl'dy	Clear	Clear
24	30.08	30.00	24	32	32	39	24	15	47	47	N W	10	N W	13	258	17	.0	Clear	Clear	Clear
25	29.87	29.76	22	34	32	42	21	21	44	62	N	8	S W	14	175	13	.0	Clear	Clear	Clear
26	29.71	29.70	27	34	32	40	24	16	92	48	N	8	N W	8	190	22	.0	Cloudy	Clear	Cloudy
27	29.94	29.96	20	27	24	30	18	12	55	76	W	10	S W	8	262	21	.0	Clear	Clear	Clear
28	29.87	29.86	22	33	30	40	21	19	58	90	S W	14	N W	12	215	20	T	Clear	Clear	Partly Cl'dy
29																				
30																				
31																				
Month Ave's.	30.18	30.14	19	25	23	31	14	17	62	64	N W	10	N W	10	257	36	2.06			

SUMMARY.

Barometer.

Monthly Mean, 30.16 inches.

Highest, 30.69 in.; Date, 19.

Lowest, 29.40 in.; Date, 13.

Monthly range, 1.29 inches.

Temperature.

Monthly Mean, 23 degrees.
Highest, 47 degrees; Date, 21.
Lowest, 3 degrees; Date, 5.
Absolute range, 44 degrees.
Greatest daily range 32 degrees; Date, 13.
Least daily range, 10 deg.; Date, 20.
Mean daily range, 17 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 254 degrees.

Wind.

Prevailing direction, W.
Mean hourly velocity, 11 miles.
Max. velocity and direction, 36 N W; Date, 7.
Total monthly movement, 71.89 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 11.
*Greatest 24 hour precipitation, (in. and 100ths), .80; on 12–13th.
Total monthly precipitation, (in. and 100ths), 2.06 in.
Total depth of snowfall (in.), 7.
Dates of thunder storms, 0.
Accumulated deficiency of precipitation since Jan. 1st., 2.23 inches.

Compar. Temp. (Mon. Mean.)

1873---26 deg.	1890---36 deg.	1873---3.45	1890---3.19
1874---28 "	1891---32 "	1874---3.86	1891---5.88
1875---24 "	1892---31 "	1875---3.98	1892---1.56
1876---32 "	1893---26 "	1876---4.29	1893---6.23
1877---36 "	1894---26 "	1877---1.07	1894---4.23
1878---33 "	1895---22 "	1878---6.40	1895---0.99
1879---27 "	1896---29 "	1879---3.89	1896---5.65
1880---34 "	1897---30 "	1880---3.80	1897---2.00
1881---26 "	1898---31 "	1881---6.17	1898---4.55
1882 ---32 "	1899---25 "	1882---4.52	1899---3.39
1883---28 "	1900---29 "	1883---5.00	1900---6.39
1884---33 "	1901---24 "	1884---5.57	1901---0.54
1885---20 "	1902---26 "	1885---3.15	1902---3.58
1886---27 "	1903---32 "	1886---5.95	1903---3.98
1887---30 "	1904---23 "	1887-- 6.22	1904---2.52
1888---28 "	1905---23 "	1888---3.16	1905---2.06
1889---25 "		1889---2.08	

Com. Rainfall. (Inches and 100ths.)

Monthly mean humidity, 63 per cent. Monthly mean dew point, 12. Number of clear days, 16. Number of fair days, 5. Number of cloudy days, 7.

Notes.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 116 feet. Elevation of rain and snow gauges, 111 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100,

VOL. XIX. No. 3.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, LL.D., NEW HAVEN, PRES.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. McKENZIE, CIVIL ENG., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. D. NEWTON, ATT'Y-AT-LAW, NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D. DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MARCH 1905

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of March, 1905, and a Statement of the Births and Marriages for the Month of February, 1905.

Total estimated population of the State is 973,177.

TOWNS.	Estimated Population.	Living Births in Feb.	Still Births in Feb.	Marriages in Feb.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,616	30	1	12	15	13.2	1	4	33.3	---	---	---	1	---	---	---	---	---	---	---	---	1	1	1	---	3	1	---	7
Branford,	6,204	12	1	2	8	15.4	2	---	25.0	---	---	---	---	1	---	---	---	---	---	---	1	---	---	---	1	---	1	---	4
Bridgeport,	79,848	176	7	57	106	15.6	28	8	34.0	---	1	---	1	3	---	1	---	---	---	---	2	---	16	8	3	16	6	4	45
Bristol,	10,547	27	2	3	16	18.2	2	2	25.0	---	---	---	1	1	---	---	---	---	---	---	---	---	---	5	---	4	---	---	5
Danbury,	19,475	42	4	7	35	22.0	7	---	20.0	---	---	---	---	---	---	---	1	---	---	---	---	---	5	5	5	6	4	1	8
Derby,	8,714	18	1	5	11	15.1	2	---	18.1	---	---	---	---	---	---	---	---	1	---	---	---	---	---	1	2	1	1	---	5
East Hartford,	7,186	11	---	2	13	21.7	5	2	53.8	---	---	---	---	---	---	---	---	---	---	---	1	---	1	2	1	1	1	---	6
Enfield,	6,499	8	1	15	11	20.4	2	---	18.1	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	1	1	1	---	6
Greenwich,	12,988	29	1	4	17	15.7	3	2	29.4	---	---	---	---	---	---	1	---	---	---	---	---	---	2	2	1	2	1	2	6
Groton,	6,130	9	1	3	5	9.7	---	1	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	---	1	1	---	1
Hartford,	96,498	159	8	54	131	14.7	21	10	23.6	---	1	---	1	6	7	---	---	---	---	---	1	---	22	16	3	14	9	7	44
Huntington,	6,198	7	---	1	6	11.6	2	---	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	1	1	---	---	2
Killingly,	6,759	6	---	3	10	17.7	1	1	20.0	---	---	---	3	---	---	---	---	---	1	---	---	---	2	---	---	1	---	---	3
Manchester,	11,552	18	---	6	14	14.5	5	---	35.7	---	---	---	1	---	---	---	---	---	---	---	---	---	1	2	1	2	1	---	6
Meriden,	30,003	62	---	10	37	13.9	4	7	29.7	---	---	1	8	---	---	1	---	---	---	---	---	---	3	2	---	6	1	2	13
Middletown,	18,398	38	1	16	61	27.3	10	2	19.6	---	---	---	---	8	---	---	1	---	---	---	---	3	8	4	1	16	8	---	12
Naugatuck,	12,270	27	---	7	17	16.6	4	2	35.2	---	---	---	1	---	---	---	---	---	---	---	1	---	3	4	1	4	---	---	3
New Britain,	31,880	65	3	27	55	20.3	12	3	27.2	---	1	---	1	1	---	---	---	---	---	---	---	---	5	15	1	3	5	4	19
New Haven,	116,820	263	11	77	240	23.3	35	24	24.5	---	---	1	7	28	---	1	2	---	1	1	3	2	19	26	4	26	18	5	96
New London,	19,064	42	1	10	38	23.9	11	1	32 5	---	---	---	1	---	---	---	---	---	---	---	---	---	5	8	1	4	5	2	12
New Milford,	5,158	7	1	2	5	11.6	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	1	---	---	1	1	---	1
Norwalk,	20,806	24	---	7	41	22.4	3	3	14.6	---	---	---	---	5	---	1	---	---	---	---	1	1	1	3	1	9	4	---	15
Norwich,	25,272	49	---	22	36	15.6	1	---	2 7	---	---	---	3	---	---	---	---	---	---	---	---	---	6	4	2	2	6	3	10
Orange,	7,978	17	---	2	13	19.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	3	1	2	1'	1	4
Putnam,	7,682	9	1	7	15	21.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	2	---	4	3	---	5
Southington,	6,045	14	1	2	12	23.8	4	1	41.6	---	---	---	2	---	---	---	---	---	---	---	---	---	1	4	---	---	1	1	3
Stamford,	20,094	32	5	12	40	23.2	6	2	20.0	---	---	---	1	---	---	1	---	---	---	---	---	---	2	6	---	7	3	4	16
Stonington,	9,082	18	---	3	14	18.4	4	---	28 5	---	---	---	4	---	---	---	---	---	---	---	---	---	1	4	---	1	1	---	3
Thompson,	6,786	15	1	5	9	15.9	4	---	44.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	1	3	---	2	1
Torrington,	15,015	28	---	5	21	16.7	5	2	33.3	---	2	---	2	---	1	---	---	---	---	---	---	---	2	4	1	1	1	1	6
Vernon,	8,353	12	1	5	8	11.4	2	---	25 0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	2	2	1	2
Wallingford,	9,967	21	1	1	12	14.4	2	1	41.6	---	---	---	1	---	---	---	---	---	---	---	---	---	1	3	---	3	2	---	2
Waterbury,	58,313	138	8	36	104	20.9	26	10	34 6	---	---	1	6	5	---	---	---	---	---	---	---	1	7	19	4	14	3	7	37
Winchester,	8,395	13	1	5	16	20.0	1	1	12.5	---	---	---	---	---	---	---	1	---	---	---	---	---	1	3	---	1	4	1	5
Windham,	10,179	13	1	4	25	29.4	4	2	24 0	---	---	---	3	---	---	2	---	---	---	---	---	---	4	3	1	1	5	---	6
Total of the 35 above towns,	733,774	1459	64	439	1217	19.9	219	91	25.5	---	5	3	49	58	8	8	5	1	2	1	10	8	125	165	38	163	101	48	419
133 towns of less than 5,000 inhabitants,	239,403	353	14	76	355	17.7	42	18	16.9	---	1	1	32	9	2	1	1	1	---	1	1	---	23	59	8	37	44	11	123
Total reported from 168 towns,	973,177	1812	78	515	1572	19.3	261	109	23.5	---	6	4	81	67	10	9	6	2	2	2	11	8	148	224	46	200	145	59	542

The Mortality in Public Institutions of the State was: in Bridgeport, 15; in Danbury, 4; in Hartford, 40; in Meriden, 4; in Middletown, 27; in New Britain, 5; in New Haven, 49; in New London, 4; in Norwalk, 3; in Norwich, 5; in Putnam, 2; in Stamford, 3; in Waterbury, 12; and in Winchester, 2. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in March: Andover, Beacon Falls, Bolton, Bridgewater, Chaplin, Cheshire, Clinton, Colebrook, Eastford, Easton, Goshen, Hartland, Marlborough, Middlefield, Newington, Prospect, Roxbury, Salem, Scotland, Sharon, Tolland, Warren, Washington, Wolcott—24.

REMARKS.

By Mortality Reports received there were 1,572 deaths during the month of March. This was 204 more than in February, and 27 more than in March of last year, and 109 more than the average number of deaths in March for the five years preceding.

	1905	1904	1903	1902	1901	1900
*January,	1412	1440	1420	1172	1439	1367
*February,	1368	1387	1303	1124	1381	1261
March,	1572	1525	1421	1239	1441	1691
Total 1st quarter,	4352	4352	4144	3535	4261	4319

The death-rate was 19.9 for the large towns, for the small towns 17.7, and for the whole State 19.3.

The deaths reported from infectious diseases were 208, being 13.2 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Glastonbury, 2; Greenwich, 1.—Total, 3 in 2 towns.

Measles.—Andover, 1; Bridgeport, 1; Bristol, 1; Brookfield, 30; Canaan, 1; Chaplin, 1; Colchester (town and borough), 2; Cornwall, 1; Danbury (city). 1; East Hartford, 26; Enfield, 1; Farmington (epidemic); Glastonbury, 13; Greenwich, 8; Hartford, 61; Mansfield, 1; Meriden (city), 1; Meriden (town), 1; Middlebury, 4; New Britain (city), 6; New Hartford, 3; New Haven, 4; New Milford, 10; Oxford, 3; Plainfield, 1; Seymour, 1; Southington, 1; South Windsor, 3; Stafford Springs (borough), 1; Stonington, 5; Suffield, 1; Torrington (town and borough), 10; Waterbury (city), 24; West Hartford, 2; West Haven (borough), 2; Wethersfield, 1; Winchester, 1; Woodbury, 5.—Total, 239+ in 37 towns.

Scarlet Fever.—Bethel, 1; Bloomfield, 1; Bridgeport, 17; Colchester (town and borough), 3; Coventry, 1; Danbury, 1; East Hartford, 2; Easton, 6; Farmington, 1; Greenwich, 2; Groton, 1; Haddam, 2; Hartford, 9; Harwinton, 1; Kent, 1; Litchfield (town and borough), 2; Manchester, 3; Naugatuck, 1; New Britain (city), 16; New Hartford, 2; New Haven, 20; Newington, 1; New London, 2; New Milford, 1; North Haven, 2; Norwalk (city), 2; Norwalk (town), 3; Norwich (city), 2; Old Saybrook, 2; Plainfield, 1; Plymouth, 12; Redding, 4; Ridgefield, 15; Rocky Hill, 2; Saybrook, 1; Shelton (borough), 1; Southington, 2; Sprague, 1; Stamford (city), 1; Stonington, 2; Thompson, 1; Torrington, 1; Wallingford, 9; Washington, 3; Waterbury (city), 22; Watertown, 4; Westport, 3.—Total, 193 in 46 towns.

Diphtheria and Croup.—Ansonia, 1; Bloomfield, 1; Bridgeport, 17; Bristol, 4; Darien, 2; East Hartford, 2; Enfield, 2; Griswold, 1; Hartford, 47; Manchester, 2; Naugatuck, 1; New Britain (city), 2; New Haven, 10; Norwich (city), 2; Norwich (town), 1; Redding, 2; Stamford (city), 2; Stratford, 3; Torrington (town and borough), 3; Trumbull, 1; Waterbury (city), 6; West Hartford, 2; Wethersfield, 2; Willimantic (city), 1.—Total, 117 in 23 towns.

Cerebro-Spinal Fever.—Ansonia, 1; Bridgeport, 3; East Haven, 1; Hartford, 8; Middletown (city), 5; Middletown (town), 1; Montville, 1; New Britain (city), 1; New Haven, 51; Norwalk (city), 5; Norwalk (town), 3; Plymouth, 1; Portland, 1; Southbury, 1; South Norwalk (city), 2; Torrington, 1; Waterbury (city), 6; West Haven (borough), 1; Weston, 2.—Total, 95 in 16 towns.

Whooping Cough.—Bristol, 1; Chatham, 20; Lebanon, 5; Mansfield, 6; Waterbury (city), 5.—Total, 37 in 5 towns.

Typhoid Fever.—Bethel, 1; Bridgeport, 3; Derby, 2; New Haven, 2; Norwalk (city), 1; Stamford (city), 1; Stafford, 1; Stratford, 1; Thompson, 1; West Haven (borough), 1.—Total, 14 in 10 towns.

Consumption.—Branford (town and borough), 3; Bridgeport, 13; Chester, 1; Cornwall, 1; Darien, 1; Hartford, 8; Manchester, 1; Middletown (city), 2; Norfolk, 1; Norwich (city), 1; Putnam, 1; Southbury, 1; Stamford (city), 1; Thomaston, 1; Waterbury (city), 6.—Total, 42 in 15 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Ashford, Barkhamsted, Beacon Falls, Berlin, Bethany, Bethlehem, Bolton, Bozrah, Bridgewater, Brooklyn, Burlington, Canton, Cheshire, Clinton, Colebrook, Columbia, Danielson (borough), Durham, Eastford, East Granby, East Haddam, East Windsor, Ellington, Essex, Fairfield, Franklin, Goshen, Granby, Groton (borough), Guilford, Hamden, Hampton, Hebron, Huntington, Jewett City (borough), Killingly, Killingworth, Lisbon, Lyme, Madison, Marlborough, Milford, Monroe, Morris, New Britain, New Canaan (town and borough), New Fairfield, North Branford, North Canaan, North Stonington, Old Lyme, Plainville, Pomfret, Prospect, Ridgefield (borough), Rockville (city), Roxbury, Salem, Salisbury, Scotland, Sharon, Sherman, Simsbury, Somers, Stamford, Sterling, Tolland, Union, Vernon, Voluntown, Warren, Willington, Wilton, Windham, Windsor, Windsor Locks, Winsted (borough), Wolcott, Woodbridge, Woodstock.—Total, 79.

* One delayed certificate for January and six for February have been received since the publication of the last Bulletin.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Windsor, 1.

Scarlet Fever.—Plymouth, 1.

La Grippe.—Ashford, 1; Barkhamsted, 1; Brooklyn, 2; Columbia, 2; Fairfield, 1; Granby, 1; Hamden, 1; Lyme, 1; Madison, 1; Mansfield, 1; North Branford, 1; Oxford, 1; Plymouth, 1; Ridgefield, 1; Salisbury, 1; Saybrook, 1; Seymour, 1; Simsbury, 1; Somers, 1; Southbury, 1; South Windsor, 1; Stafford, 2; Trumbull, 1; Voluntown, 1; Westbrook, 1; Weston, 1; Westport, 1; Windsor 2.—Total, 32.

Cerebro Spinal Fever.—East Haven, 1; North Stonington, 1; Plymouth, 1; Portland, 1; Seymour, 1; Southbury, 1; Weston, 2; Woodbridge, 1.—Total, 9.

Diphtheria and Croup.—Plymouth, 1; Trumbull, 1.—Total, 2.

Whooping Cough.—Waterford, 1.

Typhoid Fever.—Stafford, 1.

Consumption.—Canton, 1; Darien, 1; East Haven, 1; East Windsor, 2; Ellington, 1; Fairfield, 1; Farmington, 1; Franklin, 1; Guilford, 1; Killingworth, 1; Lebanon, 1; Plainfield, 1; Rocky Hill, 1; Seymour, 2; Stafford, 1; Stratford, 1; Voluntown, 1; Waterford, 1; West Hartford, 1; Wethersfield, 2.—Total, 23.

All the Health Officers of Litchfield and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

HARTFORD CO.—Avon.

NEW HAVEN CO.—Orange.

NEW LONDON CO.—East Lyme, Ledyard, Preston, Stonington (borough), Waterford.

FAIRFIELD CO.—Newtown.

WINDHAM CO.—Canterbury.

MIDDLESEX CO.—Cromwell, Middlefield, Westbrook.

CEREBRO-SPINAL MENINGITIS.

This disease was first described as epidemic in Geneva in 1805, and appeared in 1806 in Medfield, Mass. This well illustrates its migratory character; from one continent to another in a year. In a sporadic form it sometimes remains endemic for several successive years in a region, and then will wholly disappear for a period of years. In epidemic form it is very erratic. It suddenly terrifies a community in widely separated places which have no recognizable relationship; in cities generally, mostly though not exclusively in unhygienic localities. It rarely attacks infants or the aged. It is an infectious disease. It is a germ disease, and the germ has been arrested, accused, tried and convicted. It is a communicable disease. Whether or not contagious, is the most urgent question of the people. It is the prevalent opinion of the best authorities that it is not contagious, although a few think it may be very rarely and feebly so. It does not, like contagious maladies, extend from case to case, or follow lines of travel and traffic. It has been a peculiar characteristic of all epidemics that a good majority of the cases have been one case only from a single house. Where victims have been in the presence of other cases, the interval between such exposure and the time of attack has varied from a few hours to several weeks. While it is believed to be communicable, the manner of its communication has thus far baffled all investigation. The numerous theories are sufficient evidence of its uncertainty.

Being epidemic in a community, the influence which determines its manifestation in houses widely separated has not yet been discovered. Nor why it so often attacks one member of a family and spares all the others. The most active investigations are being pursued.

Protective measures.—Our knowledge of this disease being so limited, we can only be guided by such facts as we have. The disease is located primarily in the brain and spinal cord, in two bony cavities from which there is no natural outlet. Therefore it is not possible, in acute cases rapidly fatal, for the germ to escape to infect others. Such cases reasonably cannot be contagious. But when the disease is protracted and involves the ear, the nose, or the lungs, as it does sometimes, it is equally reasonable that the discharges from these passages will contain the infection. Therefore all these discharges should be thoroughly and *absolutely* disinfected, as well as everything else with which they may have come in contact. Why? because *they* are contagious.

These germs are of feeble vitality, and the best authorities do not believe the infection can be transmitted in clothing or other things, hence quarantining of houses and inmates is not thought necessary.

Ninety-five cases were reported in the State, of which 51 were in New Haven and 10 in other towns of New Haven County. The remaining 34 cases were scattered in five other counties and in ten different towns.

The epidemic in New Haven is now subsiding, as usual with the approach of warm weather.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, April 15, 1905.

METEOROLOGICAL REPORT FOR THE MONTH OF MARCH, 1905.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.98	30.00	23	25	26	32	19	13	59	74	W	7	N W	9	183	16	.0	Cloudy	Clear	Partly Cl'dy
2	30.04	29.98	16	26	23	31	15	16	62	63	W	6	N W	9	265	23	.0	Clear	Clear	Clear
3	29.97	29.90	20	32	28	36	19	17	55	65	W	5	W	1	156	17	.0	Clear	Clear	Partly Cl'dy
4	29.74	30.02	31	26	30	41	18	23	84	39	N E	5	N W	18	219	22	.02	Light Snow	Clear	Partly Cl'dy
5	30.31	30.11	15	30	21	30	12	18	59	62	N W	3	S W	12	193	17	.0	Partly Cl'dy	Cloudy	Clear
6	30.31	30.52	28	28	28	33	23	10	65	42	N W	7	N W	4	220	24	.0	Clear	Clear	Clear
7	30.58	30.33	21	34	27	34	20	14	63	90	N E	5	S E	4	145	13	.08	Partly Cl'dy	Misting	Partly Cl'dy
8	30.00	29.86	34	37	36	38	33	5	100	95	S W	10	N W	5	154	15	.51	Foggy	Light Rain	Cloudy
9	30.10	29.90	33	36	34	40	29	11	70	89	N	10	N E	6	170	15	.26	Partly Cl'dy	Light Rain	Partly Cl'dy
10	29.74	29.85	36	43	42	49	34	15	91	63	N E	7	W	5	146	12	.08	Cloudy	Clear	Partly Cl'dy
11	30.27	30.39	24	31	29	35	23	12	54	78	N W	8	N W	4	229	18	.0	Clear	Clear	Clear
12	30.44	30.29	27	35	32	40	24	16	83	72	N E	2	N	8	151	20	.0	Partly Cl'dy	Clear	Partly Cl'dy
13	30.46	30.38	20	30	28	36	20	16	52	61	N	10	W	4	167	17	.0	Clear	Clear	Clear
14	30.40	30.43	24	31	31	39	23	16	60	48	N	12	N W	18	184	15	.0	Clear	Clear	Clear
15	30.60	30.52	20	33	30	39	20	19	61	50	N	7	S W	6	206	13	.0	Clear	Clear	Clear
16	30.44	30.28	26	43	36	46	26	20	75	63	W	1	W	3	127	14	T	Clear	Cloudy	Partly Cl'dy
17	30.31	30.22	33	36	37	42	32	10	70	64	N E	9	S	6	163	12	.0	Cloudy	Clear	Cloudy
18	30.07	29.87	36	50	43	54	32	22	73	77	S	5	S W	16	192	18	.0	Partly Cl'dy	Clear	Partly Cl'dy
19	29.80	29.90	41	46	44	50	39	11	95	89	S	4	N E	12	188	20	.27	Light Rain	Cloudy	Cloudy
20	30.05	30.19	36	33	36	40	32	8	86	80	N E	15	N E	13	344	21	.04	Cloudy	Cloudy	Cloudy
21	30.11	29.91	34	32	32	34	29	5	95	95	N E	19	N E	20	407	28	.95	Light Rain	Light Snow	Cloudy
22	30.14	30.35	30	38	36	44	28	16	78	75	N	9	S E	5	270	24	T	Cloudy	Cloudy	Partly Cl'dy
23	30.43	30.42	32	36	38	46	31	15	74	80	S	1	S	9	141	13	.0	Partly Cl'dy	Clear	Clear
24	30.33	30.14	34	44	38	45	32	13	95	94	S E	5	E	6	137	11	.09	Cloudy	Foggy	Cloudy
25	29.82	29.93	45	46	46	49	42	7	96	68	N	10	N W	10	278	26	.46	Cloudy	Cloudy	Cloudy
26	30.04	29.91	42	44	47	58	36	22	66	85	N W	4	S E	7	178	12	.04	Clear	Cloudy	Clear
27	29.81	29.89	46	58	53	64	42	22	93	37	S W	9	W	8	277	30	.15	Clear	Clear	Clear
28	30.10	30.05	50	58	52	62	41	21	58	50	S	1	N E	1	108	10	.0	Clear	Clear	Clear
29	30.12	30.13	52	50	54	63	44	19	54	62	N E	7	N E	10	144	13	.0	Clear	Clear	Clear
30	30.12	30.03	45	53	49	57	41	16	82	90	N E	4	S	6	130	21	.01	Cloudy	Cloudy	Partly Cl'dy
31	30.24	30.16	48	64	56	71	42	29	57	36	W	10	N	7	242	21	.0	Clear	Clear	Clear
Month Ave's.	30.16	30.12	32	39	37	44	29	15	73	69	N E	7	N W	8	197	18	2.96			

SUMMARY.

BAROMETER.

Monthly Mean, 30.14 inches.

Highest, 30.60 in.; Date, 15.

Lowest, 29.74 in.; Date, 10.

Monthly range, .86 inches.

TEMPERATURE.

Monthly Mean, 37 degrees.
Highest, 71 degrees; Date, 31.
Lowest, 12 degrees; Date, 5.
Absolute range, 59 degrees.
Greatest daily range 29 degrees; Date, 31.
Least daily range, 5 deg.; Date, 21.
Mean daily range, 15 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 186 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 8 miles.
Max. velocity and direction, 30 W; Date, 27.
Total monthly movement, 61.14 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 15.
*Greatest 24 hour precipitation. (in. and 100ths), .96; on 20 & 21.
Total monthly precipitation, (in. and 100ths), 2.96 in.
Total depth of snowfall (in.), 1.
Dates of thunder storms, 0.
Accumulated deficiency of precipitation since Jan. 1st., 3.48 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---33 deg.	1890---34 deg.	1873---4.01	1890---6.60
1874---35 "	1891---35 "	1874---1.34	1891---3.68
1875---31 "	1892---33 "	1875---3.24	1892---3.07
1876---35 "	1893---34 "	1876--10.15	1893---4.50
1877---37 "	1894---41 "	1877---8.09	1894---1.15
1878---43 "	1895---34 "	1878---4.18	1895---2.36
1879---36 "	1896---31 "	1879---5.82	1896---5.61
1880---36 "	1897---38 "	1880---5.68	1897---3.66
1881---37 "	1898---42 "	1881- 10.42	1898---2.54
1882---37 "	1899---34 "	1882---3.59	1899---7.28
1883---30 "	1900---33 "	1883---1.64	1900---4.21
1884---34 "	1901---36 "	1884---4.15	1901---5.80
1885---27 "	1902---42 "	1885---1.19	1902---4.63
1886---35 "	1903---45 "	1886---3.20	1903--- 5.09
1887---31 "	1904---34 "	1887--- 4.22	1904---3.28
1888---30 "	1905---37 "	1888---7.46	1905---2.98
1889---39 "		1889---1.44	

COM. RAINFALL. (Inches and 100ths.)

Monthly mean humidity, 71 per cent. Monthly mean dew point, 27. Number of clear days, 13. Number of fair days, 11. Number of cloudy days, 7.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 116 feet. Elevation of rain and snow gauges, 111 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIX. NO. 4.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, LL.D., NEW HAVEN, PRES.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SECY.
T. H. MCKENZIE, CIVIL ENG., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ATTY-AT-LAW, NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D. DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF APRIL, 1905

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of April, 1905, and a Statement of the Births and Marriages for the Month of March, 1905.

Total estimated population of the State is 973,177.

TOWNS.	Estimated Population.	Living Births in Mar.	Still Births in Mar.	Marriages in Mar.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,616	42	----	5	17	14.9	1	2	17.7	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	2	5	2	----	7
Branford,	6,204	11	1	----	8	15.4	1	1	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	2	4
Bridgeport,	79,848	194	8	36	126	18.3	16	6	17.4	----	----	1	1	5	----	1	----	3	----	----	2	----	14	7	2	6	26	10	48
Bristol,	10,547	22	----	6	23	26.2	4	3	30.4	----	----	----	1	3	1	1	----	----	----	----	----	----	3	1	----	2	4	1	6
Danbury,	19,475	27	1	5	13	8.0	3	1	30.7	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	1	2	----	7
Derby,	8,714	17	----	2	10	13.8	1	----	10.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	1	1	5
East Hartford,	7,186	12	----	1	7	11.7	1	2	42.8	----	1	----	----	----	----	----	----	----	----	----	1	----	1	1	1	----	2	1	----
Enfield,	6,499	18	2	9	9	16.9	1	2	33.3	----	----	----	1	----	5	----	----	----	----	----	1	----	1	5	----	----	----	----	6
Greenwich,	12,988	19	2	1	15	14.6	4	1	33.3	----	----	----	----	----	----	----	1	1	----	----	----	----	----	3	----	----	2	----	5
Groton,	6,130	11	----	2	12	23.4	3	----	25.0	----	----	----	1	----	----	----	----	----	----	1	----	----	----	3	----	----	----	----	5
Hartford,	90,498	182	3	43	139	16.3	21	11	23.0	----	----	----	1	2	4	----	2	----	----	----	2	1	18	16	3	20	11	4	55
Huntington,	6,198	10	----	3	7	11.8	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1	2	----	----	1	1	1
Killingly,	6,759	13	----	4	9	15.9	----	1	11.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	3	----	----	5
Manchester,	11,552	23	----	2	17	17.6	2	3	29.4	----	----	----	1	----	1	----	----	----	----	----	----	----	1	4	----	3	2	1	3
Meriden,	30,003	63	4	11	25	9.9	2	----	8.0	----	----	----	1	----	----	----	----	----	----	1	----	----	4	2	----	2	3	2	10
Middletown,	18,398	21	3	7	29	10.4	3	----	10.3	----	1	----	----	1	----	----	1	----	----	----	----	----	5	2	----	6	6	2	5
Naugatuck,	12,270	25	1	2	10	9.8	2	----	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	4	1	----	2
New Britain,	31,880	94	4	13	45	16.2	9	6	31.1	----	----	----	----	1	----	----	----	----	----	----	----	----	3	13	2	3	6	3	14
New Haven,	116,820	275	17	57	162	15.8	22	17	24.0	----	----	----	2	13	3	2	1	1	----	----	2	----	18	18	6	15	17	6	58
New London,	19,064	48	4	13	32	20.5	8	2	31.2	----	----	----	----	2	----	----	1	----	----	----	1	----	1	3	2	6	2	2	12
New Milford,	5,158	7	----	2	7	16.2	1	----	14.2	----	----	----	----	1	----	----	----	----	----	----	----	----	1	----	1	2	1	----	1
Norwalk,	20,806	30	5	7	29	15.6	1	3	13.7	----	----	----	----	4	----	----	----	----	----	----	----	----	2	3	1	5	4	5	5
Norwich,	25,272	41	----	11	40	19.0	7	3	25.0	----	----	1	1	3	----	----	1	----	----	1	----	----	4	10	3	6	1	2	7
Orange,	7,978	9	----	1	11	16.7	3	1	36.3	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	1	6
Putnam,	7,682	7	----	4	7	9.3	1	----	14.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	1	3
Southington,	6,045	16	----	3	7	13.9	----	1	14.2	----	----	----	----	1	----	----	----	----	----	----	----	----	1	----	----	1	----	2	2
Stamford,	20,094	36	1	4	48	26.8	2	2	8.3	----	----	----	2	1	----	1	----	----	1	----	1	----	5	4	1	9	3	3	17
Stonington,	9,082	13	----	2	13	17.1	1	1	15.3	----	----	----	1	----	1	----	----	----	----	----	----	----	1	1	----	----	1	----	7
Thompson,	6,786	10	----	1	3	5.3	2	----	66.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	1
Torrington,	15,015	41	3	8	15	11.9	2	2	26.6	----	1	----	----	1	----	----	----	----	----	----	----	1	2	----	----	----	2	----	8
Vernon,	8,353	16	1	4	12	17.2	1	----	8.3	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	3	4	----	4
Wallingford,	9,967	20	----	5	11	13.2	3	----	27.2	----	----	----	----	----	----	----	----	----	----	----	----	----	2	3	----	1	----	1	4
Waterbury,	58,313	150	15	30	59	11.7	11	5	27.1	----	----	1	1	2	2	----	----	2	----	1	----	1	5	7	7	2	4	3	21
Winchester,	8,395	13	----	3	18	22.9	2	----	11.1	----	----	----	2	----	----	----	----	----	----	----	----	----	1	1	1	2	----	1	10
Windham,	10,179	11	----	2	19	22.3	2	----	10.5	----	----	1	1	----	----	----	----	----	----	----	----	----	1	3	1	----	2	----	10
Total of the 35 above towns,	733,774	1547	75	309	1014	16.5	143	76	21.4	----	3	4	18	40	17	5	8	7	3	3	11	3	101	115	35	112	114	56	359
131 towns of less than 5,000 inhabitants,	237,958	392	20	57	333	16.7	35	20	16.4	----	1	----	10	12	1	1	2	4	1	----	8	2	28	44	12	54	40	16	97
Total reported from 166 towns,	971,732	1939	95	366	1347	16.6	178	96	20.3	----	4	4	28	52	18	6	10	11	4	3	19	5	129	159	47	166	154	72	456
Population of towns not reporting,	1,445																												

The Mortality in Public Institutions of the State was: in Bridgeport, 18; in Hartford, 42; in Meriden, 3; in Middletown, 15; in New Britain, 7; in New Haven, 31; in New London, 4; in Norwalk, 6; in Norwich, 6; in Putnam, 3; in Stamford, 4; in Waterbury, 4; and in Winchester, 4. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in April: Bethlehem, Bridgewater, Canaan, Chaplin, Colebrook, Franklin, Goshen, Granby, Kent, Killingworth, Lebanon, Marlborough, Morris, North Branford, Old Saybrook, Oxford, Salem, Sherman, Simsbury, Tolland, Union, Warren, Weston, Woodbridge—24.

The Registrars of the following towns have made no report for April: Durham, New Fairfield—2.

REMARKS.

By Mortality Reports received there were 1,347 deaths during the month of April. This was 229 less than in March, and 30 less than in April of last year, and 2 less than the average number of deaths in April for the five years preceding.

	1905	1904	1903	1902	1901	1900
January,	1412	1440	1420	1172	1439	1367
February,	1368	1387	1303	1124	1381	1261
*March,	1576	1525	1421	1239	1441	1691
Total 1st quarter,	4356	4352	4144	3535	4261	4319
April,	1347	1377	1245	1191	1253	1678

The death-rate was 16.5 for the large towns, for the small towns 16.7, and for the whole State 16.6.

The deaths reported from infectious diseases were 163, being 12.1 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Manchester, 1.

†**Measles.**—Avon, 4; Barkhamsted, 1; Bethel, 1; Bethlehem, 1; Bolton, 2; Bridgeport, 1; Bristol, 1; Brookfield, 16; Burlington, 1; Colchester (town and borough), 2; Columbia, 1; Cornwall, 1; Cromwell, 2; Danielson (borough), 1; Darien, 1; East Haven, 2; East Windsor, 3; Farmington, 1; Groton, 5; Hampton, 7; Hartford, 34; Harwinton, 1; Mansfield, 9; Meriden (city), 1; Middlebury, 2; Middletown (city), 6; New Britain (city), 1; New Hartford, 5; New Haven, 12; New London, 3; New Milford, 8; Newtown, 3; Norwalk (city), 1; Old Saybrook, 3; Orange, 1; Oxford, 15; Ridgefield (town), 10; Ridgefield (borough), 3; Rockville (city), 1; Simsbury, 2; South Windsor, 4; Stafford Springs (borough), 22; Stafford, 22; Stonington, 13; Thomaston, 1; Torrington (town and borough), 10; Waterbury, 10; Wethersfield, 1; Willington, 2; Winchester, 2; Windsor Locks, 1; Woodbury, 48+; Woodstock, 3.—Total, 314+ in 53 towns.

Scarlet Fever.—Ansonia, 2; Bethel, 2; Branford, 1; Bridgeport, 13; Bristol, 4; Coventry, 2; Danbury (city), 5; Derby, 2; East Haddam, 1; East Hartford, 1; Easton, 3; Enfield, 2; Fairfield, 1; Glastonbury, 1; Greenwich, 1; Groton, 4; Hartford, 3; Huntington, 1; Litchfield (town and borough), 2; Meriden (city), 1; Middletown (city), 1; Middletown (town), 3; New Britain (city), 6; New Hartford, 1; New Haven, 13; New London, 1; North Canaan, 1; North Haven, 1; Norwalk (city), 3; Norwalk (town), 1; Norwich (city), 3; Plainfield, 4; Plainville, 1; Plymouth, 15; Redding, 4; Ridgefield, 3; Salisbury, 3; Southington, 2; South Norwalk (city), 3; Sprague, 2; Stamford (city), 3; Stamford (town), 1; Stonington, 1; Torrington (town and borough), 6; Wallingford, 4; Washington, 3; Waterbury, 27; Watertown, 1; Westport, 8; Willimantic (city), 2; Windsor Locks, 1; Wolcott, 1.—Total, 178 in 49 towns.

Cerebro-Spinal Fever.—Avon, 2; Berlin, 1; Bridgeport, 4; Bristol, 2; Cromwell, 1; East Windsor, 1; Ellington, 1; Hartford, 3; Middletown (city), 1; Monroe, 1; New Haven, 15; New London, 1; New Milford, 1; North Canaan, 1; Norwalk (city), 1; Norwalk (town), 2; Norwich (city), 2; Pomfret, 1; Seymour, 2; Shelton (borough), 1; Southington, 1; South Windsor, 1; Stafford Springs (borough), 1; Thomaston, 1; Torrington, 1; Waterbury, 4.—Total, 53 in 25 towns.

Diphtheria and Croup.—Avon, 1; Barkhamsted, 1; Bridgeport, 9; Bristol, 4; Brooklyn, 1; Coventry, 1; Danbury (city), 2; Enfield, 9; Essex, 1; Greenwich, 1; Haddam, 1; Hartford, 28; Manchester, 2; Mansfield, 1; New Britain (city), 3; New Haven, 13; New London, 3; Norwich (city), 3; Portland, 1; Redding, 1; Rocky Hill, 1; South Norwalk (city), 2; Stamford (city), 1; Stonington, 1; Torrington (town and borough), 3; Trumbull, 1; Waterbury, 4; Westport 1; Willimantic (city), 1; Windsor Locks, 3; Winsted (borough), 1.—Total, 104 in 31 towns.

Whooping Cough.—Bridgeport, 1; Brookfield, 3; Fairfield, 4; Greenwich, 1; Newtown, 2; Pomfret, 1; Waterford, 2; West Haven (borough), 4.—Total, 18 in 9 towns.

Typhoid Fever.—Bristol, 1; Canton, 2; Clinton, 1; Danbury (city), 1; Hartford, 2; Middletown, 1; Monroe, 1; New Haven, 9; New London, 1; Norwalk, 1; Old Saybrook, 1; Orange, 1; Stamford (city), 1; Waterbury, 5; Watertown, 1; Westport, 1.—Total, 30 in 16 towns.

Consumption.—Avon, 1; Beacon Falls, 1; Bridgeport, 5; Brooklyn, 1; Darien, 1; Hartford, 9; Killingly, 1; Middletown, 1; Old Lyme, 1; Portland, 1; Sharon, 1; South Norwalk (city), 1; Stamford, (city), 1; Thomaston, 2; Waterbury, 6; Westport, 1.—Total, 34 in 16 towns.

* Four delayed certificates for March have been received since the publication of the last Bulletin.

† In the March Bulletin four cases of measles were reported in Middlebury, which should have been four cases of scarlet fever.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Bethany, Bloomfield, Bozrah, Bridgewater, Canaan, Canterbury, Chaplin, Chatham, Cheshire, Chester, Colebrook, Danbury, Durham, Eastford, East Granby, East Lyme, Franklin, Goshen, Granby, Griswold, Groton (borough), Guilford, Hamden, Hartland, Hebron, Jewett City (borough), Kent, Killingworth, Lebanon, Ledyard, Lyme, Madison, Marlborough, Meriden, Milford, Montville, Morris, Naugatuck, New Britain, New Fairfield, Newington, Norfolk, North Branford, North Stonington, Prospect, Putnam, Roxbury, Salem, Saybrook, Scotland, Sherman, Somers, Southbury, Sterling, Stratford, Thompson, Tolland, Union, Vernon, Voluntown, Warren, Westbrook, West Hartford, Weston, Wilton, Windham, Windsor, Woodbridge.—Total, 70.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Harwinton, 1.

La Grippe.—Barkhamsted, 2; Berlin, 1; Fairfield, 1; Glastonbury, 1; Haddam, 1; Newtown, 1; North Canaan, 1; Wethersfield, 1; Windsor Locks, 1.—Total, 10.

Cerebro-Spinal Fever.—Avon, 1; Bloomfield, 1; Cromwell, 1; East Windsor, 1; Pomfret, 1; Seymour, 2; South Windsor, 1; Stafford, 1; Suffield, 1; Windsor Locks, 2.—Total, 12.

Diphtheria and Croup.—Coventry, 1.

Whooping Cough.—Plainfield, 1.

Typhoid Fever.—Clinton, 1; Fairfield, 1; Plymouth, 1; Waterford, 1.—Total, 4.

Consumption.—Avon, 1; Beacon Falls, 1; Bethel, 2; Burlington, 1; Chester, 1; Cromwell, 1; East Windsor, 1; Essex, 1; Farmington, 1; Guilford, 1; Hampton, 1; Hebron, 1; Litchfield, 1; New Canaan, 1; New Hartford, 1; North Canaan, 1; Plainfield, 1; Portland, 1; Salisbury, 1; Somers, 1; Sprague, 1; Thomaston, 2; Westport, 1; Willington, 1; Wilton, 1; Windsor, 1.—Total, 28.

All the Health Officers of New Haven, Fairfield, Windham, Litchfield, and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

Hartford Co.—Suffield.
New London Co.—Lisbon, Norwich, Preston.
Middlesex Co.—Middlefield.

DUST AND DISEASE.

Brooms and Feather Dusters.

Many of the infectious diseases which afflict mankind are communicated through the air, such as pneumonia, bronchitis, consumption, la grippe, whooping cough, diphtheria, mumps, chicken pox, small pox, measles, scarlet fever and other maladies. Each one of these is caused by a different disease germ. These disease germs, when floating in the air, are always found attached to some form of dust. Out of doors in the open air they are so quickly diffused and swept away by the winds that they are rarely dangerous. But in confined spaces within enclosed walls they are highly dangerous.

Hence the dust of dwellings, and especially of crowded habitations, is liable to be vastly more infectious than outdoor dust. It is not necessary that there shall be disease in the dwellings. The infection may be brought in on the shoes by stepping in spittle on the sidewalks, and far more abundantly on the trailing skirts of ladies which are shaken and brushed in the house. The practical lesson which these facts teach is, that such methods of cleaning occupied apartments as raise a dust should be avoided, hence brooms and feather dusters are in disgrace with good housekeepers, except in very limited use. Fixed articles of furniture that retain dust, such as tapestry hangings, portieres, etc., should be sparingly used, and when practicable, taken with upholstered articles out of doors to be cleaned. Carpets nailed to the floor are particularly unsanitary. Hard wood tight floors which can be wiped with a dampened mop are the proper thing. Carpets should be peremptorily excluded from school houses, lecture halls, theatres and churches. In churches where reserved seats for the worshippers are annually rented, a rug in the pew may be permitted, as an additional luxury, provided an appropriate tribute be paid the sexton for occasional removal and cleaning. Crowded assemblies are potent factors in the dissemination of epidemic diseases, because of the frequent presence of some one in the incipient or convalescent stage of a communicable disease, and the sweeping of carpets multiplies the danger.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, May 15, 1905.

METEOROLOGICAL REPORT FOR THE MONTH OF APRIL, 1905.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date	Barometer.† 8 A. M.	Barometer.† 8 P. M.	Temperature.‡ 8 A. M.	Temperature.‡ 8 P. M.	Temperature.‡ Daily Mean of Max. and Min.	Temperature.‡ Maximum.	Temperature.‡ Minimum.	Temperature.‡ Range.	Relative Humidity.‖ 8 A. M.	Relative Humidity.‖ 8 P. M.	Wind. 8 A. M. Direction from	Wind. 8 A. M. Vel. in m. per h.	Wind. 8 P. M. Direction from	Wind. 8 P. M. Vel. in m. per h.	Wind. Daily Movement.	Wind. Max. velocity for a single Mile.	Precipitation.* Am't inc. melted snow Inches and 100ths.	Character of Weather. 8 A. M.	Character of Weather. 8 P. M.	Character of Day.
1	30.22	30.26	44	42	46	56	36	20	49	47	N	15	N W	18	368	28	.0	Clear	Clear	Clear
2	30.28	30.20	36	40	39	46	32	14	33	53	N W	17	N	14	354	28	.0	Clear	Clear	Clear
3	30.17	30.03	32	52	44	58	31	27	64	24	N W	14	S E	4	257	19	.0	Partly Cl'dy	Clear	Partly Cl'dy
4	29.97	29.88	43	48	46	50	41	9	89	69	S E	5	E	9	199	19	.34	Cloudy	Light Rain	Cloudy
5	29.78	29.71	41	45	45	50	40	10	88	94	N	12	N E	12	271	23	1.34	Light Rain	Light Rain	Cloudy
6	29.27	29.62	41	44	45	52	38	14	92	71	N E	7	W	9	306	30	.53	Cloudy	Clear	Partly Cl'dy
7	29.74	29.73	40	45	41	50	32	18	60	38	W	6	S W	10	186	15	.0	Clear	Clear	Partly Cl'dy
8	29.80	29.83	39	39	40	45	34	11	63	47	N W	7	W	6	210	17	.0	Partly Cl'dy	Clear	Partly Cl'dy
9	29.96	29.91	39	46	45	57	33	24	53	72	S W	8	S W	11	270	27	.0	Clear	Partly Cl'dy	Clear
10	29.88	29.62	44	57	53	65	41	24	78	77	W	9	S W	24	263	24	T	Partly Cl'dy	Cloudy	Partly Cl'dy
11	29.63	29.61	55	47	51	59	43	16	100	96	S	1	N E	9	144	17	.41	Light Rain	Misting	Cloudy
12	29.72	29.83	44	48	51	60	42	18	81	79	N	7	S E	6	167	14	.03	Cloudy	Partly Cl'dy	Partly Cl'dy
13	29.78	29.69	48	50	49	54	44	10	69	52	N E	9	N E	11	210	17	.0	Cloudy	Cloudy	Partly Cl'dy
14	29.78	29.62	45	52	52	65	38	27	64	61	N	6	S W	6	196	14	.13	Clear	Cloudy	Clear
15	29.81	29.72	40	48	45	54	36	18	56	63	N W	14	N	10	281	24	.0	Clear	Cloudy	Clear
16	29.66	29.58	39	39	39	46	32	14	57	67	N E	11	W	18	270	22	T	Clear	Partly Cl'dy	Clear
17	29.68	29.90	35	38	36	43	30	13	58	50	W	25	W	20	448	34	T	Clear	Clear	Clear
18	30.01	30.06	38	41	42	49	34	15	62	54	S W	15	W	12	291	26	T	Clear	Clear	Partly Cl'dy
19	30.25	30.14	35	44	41	52	30	22	52	65	W	12	S W	9	279	27	.0	Clear	Clear	Clear
20	30.05	29.92	46	48	52	63	40	23	65	96	S	6	S	6	109	17	.31	Clear	Light Rain	Clear
21	29.79	29.71	49	56	56	67	45	22	86	94	S	7	S W	15	202	24	.32	Partly Cl'dy	Light Rain	Partly Cl'dy
22	30.06	30.22	43	50	48	57	39	18	59	35	N	14	N W	7	278	25	.0	Clear	Clear	Clear
23	30.38	30.36	45	50	47	56	38	18	40	35	N W	10	N W	7	246	23	.0	Clear	Clear	Clear
24	30.37	30.00	43	53	48	57	38	19	55	62	S	1	S W	14	260	26	.0	Clear	Clear	Partly Cl'dy
25	30.05	30.00	50	58	56	66	46	20	49	56	N W	20	S	6	238	26	.0	Clear	Clear	Clear
26	29.82	29.64	51	56	56	68	45	23	75	77	S	4	S	6	150	19	.0	Partly Cl'dy	Cloudy	Cloudy
27	29.52	29.64	56	58	56	62	51	11	97	77	N	6	E	6	121	11	.01	Cloudy	Clear	Cloudy
28	29.90	29.94	51	50	52	58	46	12	68	87	N E	10	S E	5	245	19	.0	Clear	Clear	Clear
29	29.89	29.82	42	44	44	48	40	8	92	93	S E	10	S E	5	150	15	T	Cloudy	Cloudy	Cloudy
30	29.83	29.82	53	61	56	68	43	25	73	56	S W	14	W	7	215	24	.0	Clear	Clear	Clear
Month Ave's.	29.90	29.87	44	48	47	56	39	17	68	65	N	10	S W	10	242	22	3.42			

SUMMARY.

Barometer.

Monthly Mean, 29.88 inches.

Highest, 30.38 in.; Date, 23.

Lowest, 29.27 in.; Date, 6.

Monthly range, 1.11 inches.

Temperature.

Monthly Mean, 47 degrees.
Highest, 68 degrees; Date, 30.
Lowest, 30 degrees; Date, 19.
Absolute range, 38 degrees.
Greatest daily range, 27 degrees; Date, 3.
Least daily range, 8 deg.; Date, 29.
Mean daily range, 17 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 146 degrees.

Wind.

Prevailing direction, N W.
Mean hourly velocity, 10 miles.
Max. velocity and direction, 34 W; Date, 17.
Total monthly movement, 7,244 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 14.
*Greatest 24 hour precipitation. (in. and 100ths), 1.66; on 5 & 6.
Total monthly precipitation. (in. and 100ths), 3.42 in.
Total depth of snowfall (in.), T.
Dates of thunder storms, 4, 14, 21.
Accumulated deficiency of precipitation since Jan. 1st., 3.56 inches.

Compar. Temp. (Mon. Mean.)

1873---44 deg.	1890---47 deg.
1874---39 "	1891---48 "
1875---42 "	1892---47 "
1876---46 "	1893---45 "
1877---48 "	1894---47 "
1878---52 "	1895---46 "
1879---45 "	1896---48 "
1880---48 "	1897---48 "
1881---44 "	1898---45 "
1882---44 "	1899---47 "
1883---44 "	1900---48 "
1884---46 "	1901---46 "
1885---46 "	1902---48 "
1886---49 "	1903---49 "
1887---45 "	1904---45 "
1888---43 "	1905---47 "
1889---49 "	

Com. Rainfall. (Inches and 100ths.)

1873---4.95	1890---2.89
1874---7.89	1891---2.35
1875---3.28	1892---1.31
1876---7.65	1893---3.84
1877---3.44	1894---2.24
1878---5.08	1895---3.11
1879---6.08	1896---1.19
1880---3.69	1897---2.44
1881---1.71	1898---4.43
1882---1.55	1899---1.79
1883---2.23	1900---1.95
1884---2.36	1901---9.03
1885---2.31	1902---3.40
1886---3.21	1903---2.61
1887---2.75	1904---6.64
1888---2.57	1905---3.42
1889---4.01	

Monthly mean humidity, 66 per cent. Monthly mean dew point, 35. Number of clear days, 14. Number of fair days, 10. Number of cloudy days, 6.

Notes.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 116 feet. Elevation of rain and snow gauges, 111 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XIX NO. 5.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, LL.D., NEW HAVEN, PRES.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SECTY.
T. H. McKENZIE, CIVIL ENG., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ATT'Y-AT-LAW, NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D. DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MAY, 1905

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of May, 1905, and a Statement of the Births and Marriages for the Month of April, 1905.

Total estimated population of the State is 973,177.

TOWNS.	Estimated Population.	Living Births in Apr.	Still Births in Apr.	Marriages in Apr.	Total Deaths.	Representing An-nual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,616	28	2	7	22	19.3	5	1	27.2											1			5	2	1	2	1	1	9
Branford,	6,264	11	1	3	9	17.4	1		11.1															1			1	1	2	4
Bridgeport,	79,848	193	14	60	99	14.6	17	9	26.6		1			2			2				1		10	16	1	7	3	9	47
Bristol,	10,547	26	1	5	11	12.5	1	1	18.1										1		1		2	2		1	1		3
Danbury,	19,475	33	1	12	22	12.9	1	1	90.9					2								2	1	2		3	7		5
Derby,	8,714	17	1	4	10	13.8	2	1	30.0												1		1	1		2		1	4
East Hartford,	7,186	17		6	7	11.7	2		18.6														2	1	1				3
Enfield,	6,499	12		8	13	24.3	3		23.0												1		1	1			2		8
Greenwich,	12,988	21	1	7	18	16.6	2	2	22.2					1									2	2	1	4		1	7
Groton,	6,130	10	1	2	7	13.7																					1	2	4
Hartford,	90,498	161	4	49	121	14.9	20	4	19.8		1		1	1	4	1		1			1		17	10	1	7	12	6	58
Huntington,	6,198	12	1		5	9.7																				1	2		
Killingly,	6,759	14		4	8	14.2	1		12.5		1		2							1			2				1		1
Manchester,	11,552	22	1	5	13	13.5	5														2		3		1	1	1	1	4
Meriden,	30,003	58	2	19	30	11.9	1	1	6.6					1			1		1				1	3	1	6	3	2	11
Middletown,	18,398	27		5	43	18.3	8		18.6												1		6	1		12	12	1	10
Naugatuck,	12,270	29		4	6	5.8	1		16.6				1			1							2	1				1	
New Britain,	31,880	72	7	11	43	16.1	9	8	39.5			2	2	1				1			2		1	7	1	3	5	4	14
New Haven,	116,820	260	5	63	195	18.8	26	20	23.5			3	1	20	1		1	1	3		6	1	19	17	8	13	20	13	68
New London,	19,064	36	4	11	22	8.6	2		9.0												1		2	2			5	5	7
New Milford,	5,158	4		3	7	16.2	1		14.2							1			1							1	2	1	1
Norwalk,	20,806	32	2	5	22	12.1	1		4.5			1		1				1					3	2		6	3	2	3
Norwich,	25,272	32	4	10	32	14.2	7	3	31.2											1	1	1	4		3	6	2	4	10
Orange,	7,978	7	1	1	6	9.0	1		16.6					1									1			1	2		1
Putnam,	7,682	8		3	12	17.1	2		16.6					2									1		1	1		1	6
Southington,	6,045	17	2	2	2	3.9	1		50.0														1	1					
Stamford,	20,094	43	3	22	35	29.0	7	4	31.4			1		1		1							6	2	2	8		3	11
Stonington,	9,082	15		5	9	11.9	2	1	33.3											1				3		1	1		3
Thompson,	6,786	12		3	10	17.7	3	2	50.0							1					1						1	2	5
Torrington,	15,015	28		9	20	15.9	8	2	50.5			1	1								1		4	2		3			8
Vernon,	8,353	17	3	8	15	21.5	1		6.6																		4	4		7
Wallingford,	9,967	20		2	9	10.8	1	1	22.2															2		2		1	4
Waterbury,	58,313	124	8	24	75	15.4	15	5	26.6		2		2	1	1						3	1	6	9	2	8	4	6	30
Winchester,	8,395	16	1	11	10	14.4																	1				1	3	5
Windham,	10,179	19	2	4	22	25.8	6	4	45.4			6	1										3		3	3	1	1	4
Total of the 35 above towns,	733,774	1453	72	396	890	14.5	163	70	26.1		5	14	11	31	9	5	4	5	5	4	23	5	107	90	29	109	96	73	265
128 towns of less than 5,000 inhabitants,	234,165	379	19	104	303	15.5	24	13	12.2		2	1	7	5		1		3			3	2	34	25	8	56	49	16	91
Total reported from 163 towns,	967,939	1832	91	500	1193	14.8	187	83	22.6		7	15	18	36	9	6	4	8	5	4	26	7	141	115	37	165	145	89	356
Population of towns not reporting,	5,238																												

The Mortality in Public Institutions of the State was: in Bridgeport, 9; in Danbury, 1; in Hartford, 40; in Middletown, 18; in New Britain, 2; in New Haven, 50; in Norwalk, 2; in Norwich, 3; in Putnam, 4; in Waterbury, 11; and in Winchester, 2. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in May: Andover, Bloomfield, Bozrah, Canaan, Chaplin, Clinton, Columbia, Cornwall, Cromwell, Durham, Franklin, Hampton, Hartland, Hebron, Ledyard, Lisbon, Marlborough, Middlebury, Monroe, North Canaan, Sherman, Somers, Warren—23.

The Registrars of the following towns have made no report for May: Brookfield, Middlefield, Morris, Plainville, Wolcott—5.

REMARKS.

By Mortality Reports received there were 1,193 deaths during the month of May. This was 156 less than in April, and 124 less than in May of last year, and 1 less than the average number of deaths in May for the five years preceding.

	1905	1904	1903	1902	1901	1900
January,	1412	1440	1420	1172	1439	1367
February,	1368	1387	1303	1124	1381	1261
*March,	1577	1525	1421	1239	1441	1691
Total 1st quarter,	4357	4352	4144	3535	4261	4319
*April,	1349	1377	1245	1191	1253	1678
May,	1193	1317	1265	1100	1056	1230

The death-rate was 14.5 for the large towns, for the small towns 15.5, and for the whole State 14.8.

The deaths reported from infectious diseases were 145. being 12.1 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—Ansonia, 1; Ashford, 9; Bethlehem, 7; Bolton, 3; Bridgeport, 7; Bristol, 1; Burlington, 2; Danielson (borough), 1; Darien, 2; East Windsor, 10; Glastonbury, 4; Goshen, 3; Granby, 4; Greenwich, 37; Groton, 1; Hartford, 44; Harwinton, 10; Huntington, 1; Litchfield, 2; Mansfield, 8; Middletown (city), 86; Middletown (town), 2; New Britain (city), 1; New Canaan, 1; New Hartford, 3; New Haven, 14; New London, 4; New Milford, 4; North Haven, 1; Norwich (city), 1; Orange, 1; Oxford, 18; Plainfield, 1; Plymouth, 1; Ridgefield (borough), 3; Roxbury, 3; Somers, 3; South Norwalk (city), 1; South Windsor, 2; Stafford, 90; Stafford Springs (borough), 49; Stonington, 4; Thomaston, 4; Union, 2; Waterbury, 27; Willington, 4; Woodbury, 151+.—Total, 638+ in 45 towns.

Scarlet Fever.—Ansonia, 6; Beacon Falls, 2; Branford, 1; Bridgeport, 20; Bridgewater, 1; Bristol, 6; Danbury (city), 3; Danbury (town), 3; Danielson (borough), 1; Derby, 1; East Haddam, 1; Enfield, 13; Glastonbury, 2; Greenwich, 2; Groton, 1; Hartford, 15; Harwinton, 4; Killingly, 2; Manchester, 7; Meriden (city), 3; Middletown (city), 1; Middletown (town), 1; Monroe, 1; Naugatuck, 2; New Britain (city), 5, New Britain (town), 1; New Haven, 21; New London, 2; North Haven, 1; Norwalk, 1; Plymouth, 22; Seymour, 1; Simsbury, 1; Somers, 2; South Norwalk (city), 3; Stratford, 3; Torrington (town and borough), 6; Wallingford, 2; Waterbury, 26; Watertown, 2; Weston, 2; Westport, 5; Willimantic (city), 16.—Total, 221 in 39 towns.

Cerebro-Spinal Fever.—Bridgeport, 4; Derby, 1; Hartford, 2; New Britain (city), 1; New Haven, 34; Norwalk (city), 1; Putnam, 2; Waterbury, 1; West Haven (borough), 2.—Total, 48 in 9 towns.

Diphtheria and Croup.—Ansonia, 2; Beacon Falls, 1; Berlin, 1; Bloomfield, 3; Bridgeport, 17; Bristol, 1; Colchester, 1; Danbury (city), 15; Danbury (town), 1; Danielson (borough), 1; Darien, 1; Derby, 1; East Hartford, 1; Enfield, 1; Greenwich, 1; Hartford 31; Hebron, 1; Manchester, 1; Marlborough, 1; Milford, 1; Naugatuck, 1; New Britain (city), 4; New Haven, 10; New Milford, 1; Norwich (city), 2; Redding, 1; Ridgefield, 2; Rockville (city), 1; Southington, 1; Torrington (town and borough), 2; Trumbull, 1; Washington, 2; Waterbury, 6; Willimantic (city), 1.—Total, 116 in 31 towns.

Whooping Cough.—Bridgeport, 1; Darien, 10; Eastford, 1; Hartford, 3; Hebron, 10; Stafford Springs (borough), 1; Waterbury, 1; West Haven (borough), 4.—Total, 31 in 8 towns.

Typhoid Fever.—Bloomfield, 1; Bridgeport, 2; Danbury (city), 2; Essex, 1; Guilford, 1; Hartford, 2; Meriden (city), 1; Middletown, 1; Milford, 1; New Haven, 11; New London, 1; Orange, 1; Roxbury, 1; Southington, 1; Stafford, 1; Stonington, 2; Waterbury, 1.—Total, 31 in 17 towns.

Consumption.—Branford, 1; Bridgeport, 8; Darien, 1; Derby 1; Fairfield, 1; Guilford, 1; Hartford, 7; Middletown (city), 1; Milford, 1; Norwich (city), 1; Portland, 1; Rocky Hill, 1; Stratford, 1; Waterbury, 7; Weston, 1.—Total, 34 in 15 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Avon, Barkhamsted, Bethany, Bethel, Bozrah, Brooklyn, Canaan, Canterbury, Canton, Chaplin, Chatham, Cheshire, Chester, Clinton, Colebrook, Columbia, Cornwall, Cromwell, Durham, East Granby, East Haven, East Lyme, Easton, Ellington, Farmington, Franklin, Griswold, Groton (borough), Haddam, Hamden, Hampton, Jewett City (borough), Kent, Killingworth, Lebanon, Ledyard, Lisbon, Lyme, Madison, Meriden, Middlebury, Montville, Morris, New Fairfield, Newington, Norfolk, North Branford, North Canaan, North Stonington, Norwich, Old Lyme, Old Saybrook, Plainville, Prospect, Salem, Salisbury, Saybrook, Scotland, Sharon, Shelton (borough), Sherman, Southbury, Sprague, Stamford, Sterling, Suffield, Thompson, Tolland, Vernon, Voluntown, Warren, Waterford, Westbrook, West Hartford, Wethersfield, Wilton, Winchester, Windham, Windsor, Windsor Locks, Winsted (borough), Wolcott, Woodbridge, Woodstock. —Total, 84.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Stafford, 1; Willington, 1.—Total, 2.

Scarlet Fever.—Easton, 1.

La Grippe.—Colebrook, 1; Darien, 1; Ellington, 1; North Haven, 1; North Stonington, 1; Salisbury, 1; Scotland, 1.—Total, 7.

Cerebro-Spinal Fever.—Avon, 1; Berlin, 1; Plymouth, 1; Redding, 1; Thomaston, 1.—Total, 5.

Whooping Cough.—Waterford, 1.

Typhoid Fever.—Guilford, 1; Hamden, 1; Salisbury, 1.—Total, 3.

Consumption.—Beacon Falls, 1; Bethlehem, 1; Chester, 1; Colchester, 1; Darien, 1; East Haven, 1; Easton, 1; East Windsor, 1; Farmington, 1; Glastonbury, 1; Griswold, 1; Guilford, 2; Killingworth, 1; Lebanon, 1; Mansfield, 2; Milford, 1; New Canaan, 1; New Fairfield, 1; Newington, 1; Newtown, 1; Norfolk, 1; Portland, 2; Ridgefield, 2; Salem, 1; Salisbury, 1; South Windsor, 1; Stratford, 1; Weston, 1; Westport, 1; Wethersfield, 1.—Total, 34.

All the Health Officers of New Haven and Litchfield Counties have reported, but the Health Officers of the following Towns have not reported:

Hartford Co.—Hartland.

New London Co.—Preston, Stonington (borough).

Fairfield Co.—Brookfield, Newtown, Stamford (city).

Windham Co.—Pomfret.

Middlesex Co.—Middlefield.

Tolland Co.—Coventry.

TO DOCTORS AND MEDICAL EXAMINERS.

From much correspondence with those who are required by law to render certificates of death, it is very evident that some of them believe that they are obliged by law to declare the cause of death in every instance, whether they know the cause or not. Indeed some of them have admitted holding that opinion. The unreasonableness of it is at once apparent when it is remembered that there are many deaths respecting which the attending circumstances are not known, and the previous history of the cases cannot be learned with sufficient accuracy to make a diagnosis. In such instances the law surely does not require the doctor to state what he does not know to be true. The only thing he can properly do is write Cause Unknown.

Again, when Doctors give as a cause of death only symptoms of disease such as "Dropsy," "Exhaustion," "Asphyxia," "Hemorrhage," "Tumor," etc., which terms are utterly useless for classification and sanitary purposes, it indicates how incapable they are of appreciating the importance of the duty required of them.

After stating the cause of death, the Doctors should look on the back of the blank and observe if he has given it as accurately as he should.

A RIGHTEOUS GERMAN LAW.

A former fish merchant of Lüneburg, named Kurinski, advertised and sold a remedy which he claimed to be an absolutely certain cure for tuberculosis of the lungs. This claim was regarded as an attempt to deceive the public, and he has recently been condemned to six years imprisonment. This is the second or third prosecution for similar practices.—*The Jour. Amer. Med. Assoc.*

If such laws were enforced in Connecticut the jails would be full.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, June 15, 1905.

* One delayed certificate for March and two for April have been received since the publication of the last Bulletin.

METEOROLOGICAL REPORT FOR THE MONTH OF MAY, 1905.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

Date	Barometer.† 8 A.M.	Barometer.† 8 P.M.	Temperature.‡ 8 A.M.	Temperature.‡ 8 P.M.	Temperature.‡ Daily Mean of Max. and Min.	Temperature.‡ Maximum.	Temperature.‡ Minimum.	Temperature.‡ Range.	Relative Humidity.‖ 8 A.M.	Relative Humidity.‖ 8 P.M.	Wind. 8 A.M. Direction from	Wind. 8 A.M. Vel. in m. per h.	Wind. 8 P.M. Direction from	Wind. 8 P.M. Vel. in m. per h.	Wind. Daily Movement.	Wind. Max. velocity for a single Mile.	Precipitation.* Am't inc. melted snow Inches and 100ths.	Character of Weather. 8 A.M.	Character of Weather. 8 P.M.	Character of Day.
1	29.95	30.11	48	44	44	51	38	13	44	38	NW	20	NW	9	325	30	.0	Clear	Clear	Clear
2	30.23	30.11	45	47	46	56	35	21	56	72	W	8	S	4	233	23	.0	Clear	Clear	Partly Cl'dy
3	30.00	29.93	50	59	60	74	45	29	83	81	S	4	SW	16	316	32	.0	Partly Cl'dy	Clear	Clear
4	29.97	30.29	62	48	60	73	47	26	92	83	S	4	SE	9	247	33	.0	Cloudy	Cloudy	Cloudy
5	30.40	30.33	49	50	53	58	48	10	72	80	SE	9	SE	7	234	17	.0	Cloudy	Cloudy	Partly Cl'dy
6	30.22	30.04	53	56	54	60	47	13	81	94	S	5	S	7	140	10	.0	Cloudy	Cloudy	Cloudy
7	29.86	29.88	57	72	68	83	53	30	89	30	SE	6	NW	13	306	25	.03	Partly Cl'dy	Clear	Partly Cl'dy
8	30.07	29.99	56	54	57	64	50	14	44	64	N	7	S	9	225	14	.0	Clear	Clear	Clear
9	29.79	30.00	55	54	57	66	48	18	82	52	SW	6	N	12	284	24	T	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
10	30.10	30.14	47	62	57	69	45	24	69	36	NW	5	NW	6	196	18	.0	Cloudy	Cloudy	Partly Cl'dy
11	30.18	30.04	58	57	61	69	53	16	51	69	SE	5	S	12	242	26	.0	Clear	Cloudy	Clear
12	29.94	29.98	52	56	56	62	51	11	94	90	S	6	SE	5	125	11	.35	Light Rain	Clear	Cloudy
13	30.16	30.14	53	53	54	58	51	7	95	94	SE	5	SE	8	151	12	.12	Cloudy	Cloudy	Cloudy
14	30.08	29.85	53	56	54	58	50	8	96	94	SE	9	SW	14	107	14	.19	Cloudy	Cloudy	Cloudy
15	29.85	29.83	57	64	62	73	52	21	97	88	SE	3	SE	6	117	12	.0	Cloudy	Cloudy	Partly Cl'dy
16	29.90	29.88	57	50	54	62	46	16	97	96	NE	8	NE	13	218	19	.02	Misting	Misting	Cloudy
17	29.92	29.81	45	50	48	53	54	9	86	87	NE	10	NE	6	222	19	T	Cloudy	Cloudy	Cloudy
18	29.71	29.61	49	60	56	67	46	21	93	65	S	3	W	9	207	20	.06	Cloudy	Partly Cl'dy	Partly Cl'dy
19	29.66	29.69	60	62	60	67	52	15	60	41	S	20	NW	8	297	24	.0	Clear	Partly Cl'dy	Partly Cl'dy
20	29.81	29.96	49	52	52	58	46	12	51	51	S	20	NW	12	342	32	T	Clear	Partly Cl'dy	Clear
21	30.07	30.01	53	59	54	65	42	23	47	40	NW	11	NW	3	188	18	.0	Clear	Clear	Clear
22	30.03	29.93	60	60	54	66	43	23	55	68	SE	1	N	7	149	15	.0	Clear	Partly Cl'dy	Clear
23	29.93	29.94	58	60	59	67	51	16	56	37	NE	10	NW	7	206	17	T	Partly Cl'dy	Clear	Partly Cl'dy
24	30.15	30.15	56	56	56	67	45	22	56	55	NE	5	SW	8	236	20	.0	Clear	Clear	Clear
25	30.23	30.13	57	60	58	67	49	18	61	73	SW	10	S	9	234	18	.0	Clear	Clear	Clear
26	30.12	30.12	64	63	64	73	56	17	70	73	SW	22	SW	11	336	28	.0	Clear	Cloudy	Partly Cl'dy
27	30.11	30.02	64	63	64	70	58	12	83	97	S	1	SE	4	126	13	.02	Cloudy	Foggy	Cloudy
28	30.01	30.00	64	66	70	80	61	19	87	85	SE	6	W	7	140	20	T	Partly Cl'dy	Clear	Clear
29	30.05	29.89	68	65	68	78	57	21	54	71	NE	7	S	7	182	16	.0	Clear	Partly Cl'dy	Clear
30	29.85	29.95	60	60	63	70	56	14	70	75	NE	13	S	10	213	21	.39	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
31	30.07	30.06	56	60	60	64	55	9	65	58	NE	7	SE	6	134	12	.0	Cloudy	Cloudy	Cloudy
Month Ave's.	30.01	29.99	51	52	58	66	49	17	72	69	SE	8	S	8	215	33	1.18			

SUMMARY.

Barometer.

Monthly Mean, 30.00 inches.

Highest, 30.40 in.; Date, 5.

Lowest, 29.61 in.; Date, 18.

Monthly range, .79 inches.

Temperature.

Monthly Mean, 58 degrees.
Highest, 83 degrees; Date, 7.
Lowest, 35 degrees; Date, 2.
Absolute range, 48 degrees.
Greatest daily range, 30 degrees; Date, 7.
Least daily range, 7 deg.; Date, 13.
Mean daily range, 17 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 150 degrees.

Wind.

Prevailing direction, S.
Mean hourly velocity, 9 miles.
Max. velocity and direction, 33 N. E.; Date, 4.
Total monthly movement, 6,678 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 14.
*Greatest 24 hour precipitation, (in. and 100ths), .39; on 30.
Total monthly precipitation, (in. and 100ths), 1.18 in.
Total depth of snowfall (in.), T.
Dates of thunder storms, 9, 30.
Accumulated deficiency of precipitation since Jan. 1st, 6.02 inches.

Compar. Temp. (Mon. Mean.)

1873	56 deg.	1890	57 deg.
1874	56 "	1891	56 "
1875	57 "	1892	56 "
1876	58 "	1893	57 "
1877	58 "	1894	58 "
1878	57 "	1895	59 "
1879	59 "	1896	62 "
1880	64 "	1897	53 "
1881	58 "	1898	56 "
1882	51 "	1899	58 "
1883	57 "	1900	58 "
1884	56 "	1901	55 "
1885	55 "	1902	58 "
1886	57 "	1903	60 "
1887	61 "	1904	61 "
1888	56 "	1905	58 "
1889	60 "		

Com. Rainfall. (Inches and 100ths.)

1873	6.27	1890	4.24
1874	4.92	1891	1.92
1875	2.71	1892	5.11
1876	3.12	1893	7.08
1877	2.14	1894	4.49
1878	3.75	1895	1.70
1879	3.22	1896	3.67
1880	1.24	1897	5.03
1881	3.89	1898	8.03
1882	5.05	1899	2.52
1883	4.52	1900	3.30
1884	3.32	1901	6.38
1885	2.61	1902	1.61
1886	2.74	1903	0.31
1887	0.18	1904	2.94
1888	6.03	1905	1.18
1889	3.81		

Monthly mean humidity, 71 per cent. Monthly mean dew point, 46. Number of clear days, 11. Number of fair days, 11. Number of cloudy days, 9.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 116 feet. Elevation of rain and snow gauges, 111 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIX. No. 6.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, LL.D., NEW HAVEN, PRES.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. McKENZIE, CIVIL ENG., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
H. G. NEWTON, ATT'Y-AT-LAW, NEW HAVEN.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JUNE, 1905

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of June, 1905, and a Statement of the Births and Marriages for the Month of May, 1905.

Total estimated population of the State is 973,177.

TOWNS.	Estimated Population.	Living Births in May.	Still Births in May.	Marriages in May.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,616	35	3	8	17	14.9	6	1	41.1												4	3	1			2	2	1	4
Branford,	6,204	7		4	6	11.6		1	16.6			1			1								1			1			2
Bridgeport,	79,848	181	11	61	121	15.5	34	8	34.7		3	1			2		1				23		12	12	2	12	9	4	40
Bristol,	10,547	21	1	5	13	14.8	3	1	30.8												1		1	1		1	1	2	6
Danbury,	19,475	19	2	8	36	20.9	6	2	22.2						6	1			2				4	2	1	7	2	4	7
Derby,	8,714	22	1	7	8	11.0	4		44.4					1							1					1	1		4
East Hartford,	7,186	16		4	8	13.3	5		62.5												2		1	1	1				3
Enfield,	6,499	21	2	11	10	18.4	5		50.0																	2	2	1	5
Greenwich,	12,988	16	3	6	17	15.7	4	2	34.7					1		1					3					3		6	3
Groton,	6,130	13		2	11	21.5	2	1	27.2				1					1								1	1	1	6
Hartford,	90,498	170	7	63	140	18.4	27	14	29.2		1	1	1	4	6		1				13	1	14	13	2	15	14	8	46
Huntington,	6,198	5		1	9	17.4	2		22.2									1								2	2		4
Killingly,	6,759	22		5	16	28.4	2	1	18.8			1									1	1	1			1	3	1	7
Manchester,	11,552	26	1	5	11	11.4	2		18.1												1		1	1		1		2	5
Meriden,	30,003	45		17	27	10.8	4		14.8				1						1		1		2	2		4	3		13
Middletown,	18,398	27	3	7	31	13.0	5	1	19.3		1										1		4	1		6	7	2	9
Naugatuck,	12,270	31		14	10	9.8	5		50.0				1								4					1		1	2
New Britain,	31,880	109		32	47	17.7	21	2	48.0		1										8		6	3	1	6	6	1	15
New Haven,	116,820	253	9	77	190	18.8	25	16	21.6			3		9	2		2	5	4		29	4	15	17	1	21	13	10	55
New London,	19,064	33	1	11	27	16.3	3		11.1									1			3		3	1		3	3	4	12
New Milford,	5,158	12			5	11.6		1	20.0					1	1									1			1		1
Norwalk,	20,866	29	2	5	16	9.2	6		37.5												1	1				2			12
Norwich,	25,272	48	5	17	44	18.9	6	4	22.7												1	3	6	2	1	11	5	4	11
Orange,	7,978	14		3	7	10.5	1		14.2															2			2		2	1
Putnam,	7,682	19		9	9	14.0	-3		33.3												2		2						5
Southington,	6,045	12		1	7	13.9		1	14.2					1								1				2		3	
Stamford,	20,094	19	3	16	38	22.7	8	5	34.2						1						2		1	4	2	10	5	2	11
Stonington,	9,082	20	1	4	17	22.4	4	1	29.4				1			1							2			1	3	2	7
Thompson,	6,786	10	2	8	8	14.1	3		37.5																	3	2		3
Torrington,	15,015	38	1	13	11	8.8	2		18.1						1								1	2		3			4
Vernon,	8,353	15	3	4	5	7.1																1	3			1			
Wallingford,	9,967	27		5	8	9.6	3	2	62.4						1						2		2		1				2
Waterbury,	58,313	139	5	40	69	13.8	21	5	37.7		2			1							8	1	8	6	1	7	2	4	29
Winchester,	8,395	15		3	8	8.6																	3				2	1	2
Windham,	10,179	20		12	13	15.1	3	1	30.8														2			2	1	1	7
Total of the 35 above towns,	733,774	1509	66	488	1020	16.6	225	70	30.8		8	7	5	19	20	3	4	8	7		107	15	98	72	13	134	90	67	343
130 towns of less than 5,000 inhabitants,	232,353	381	16	93	256	13.2	36	11	18.3		1			3	7	2	1	3			8	4	27	13	3	27	38	22	97
Total reported from 165 towns,	966,127	1890	82	581	1276	15.8	261	81	26.8		9	7	5	22	27	5	5	11	7		115	19	125	85	16	161	128	89	440
Population of towns not reporting,	7,050																												

The Mortality in Public Institutions of the State was: in Bridgeport, 15; in Danbury, 4; in Hartford, 38; in Meriden, 5; in Middletown, 13; in New Britain, 2; in New Haven, 37; in New London, 3; in Norwalk, 1; in Norwich, 16; in Putnam, 2; in Stamford, 2; in Waterbury, 6; and in Winchester, 2. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in June: Andover, Barkhamsted, Beacon Falls, Bethlehem, Bolton, Canterbury, Chaplin, Colebrook, Eastford, East Haven, Ellington, Franklin, Goshen, Hartland, Hebron, Lisbon, Litchfield, Middlefield, New Fairfield, North Branford, North Canaan, North Haven, North Stonington, Old Saybrook, Oxford, Prospect, Salem, Scotland, Sherman, Voluntown, Warren, Woodbridge, Woodstock—33.

The Registrars of the following towns have made no report for June: Mansfield, Redding, Windsor—3.

REMARKS.

By Mortality Reports received there were 1,276 deaths during the month of June. This was 77 more than in May, 147 more than in June of last year, and 177 more than the average number of deaths in June for the five years preceding.

	1905	1904	1903	1902	1901	1900
January,	1412	1440	1420	1172	1439	1367
February,	1368	1387	1303	1124	1381	1261
March,	1577	1525	1421	1239	1441	1691
Total 1st quarter,	4357	4352	4144	3535	4261	4319
April,	1349	1377	1245	1191	1253	1678
*May,	1199	1317	1265	1100	1056	1230
June,	1276	1129	1163	1061	1022	1121
Total 2d quarter	3824	3823	3673	3352	3331	4029

The death-rate was 16.6 for the large towns, for the small towns 13.2, and for the whole State 15.8.

The deaths reported from infectious diseases were 232. being 18.1 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—Ansonia, 1; Ashford, 9; Branford, 1; Bridgeport, 15; Burlington, 2; Danbury, 1; Danielson (borough), 1; East Hartford, 5; East Windsor, "a few cases"; Glastonbury, 11; Granby, 3; Greenwich, 5; Guilford, 4; Hamden, 1; Hartford, 11; Harwinton, 17; Mansfield, 16; Middlebury, 1; Middletown (city), 30; Middletown (town), 2; Naugatuck, 5; New Canaan (town and borough), 2; New Hartford, 1; New Haven, 4; New London, 16; North Branford, 6; Norwalk, 1; Pomfret, 1; Redding, 1; Rocky Hill, 3; Salisbury (epidemic); Seymour, 2; Sharon, 2; Southbury, 2; Southington, 1; Stafford, 1; Stonington, 1; Stratford, 2; Suffield, 2; Thomaston, 1; Waterbury (city), 25; Weston, 1; Willington, 3; Winchester, 3; Winsted (borough), 2; Woodbury, 28.—Total, 252+ in 45 towns.

Scarlet Fever.—Ansonia, 8; Beacon Falls, 1; Bethel, 2; Bridgeport, 17; Bridgewater, 1; Bristol, 10; Chester, 1; Danielson (borough), 2; Derby, 3; Groton, 5; Hartford, 4; Manchester, 2; Meriden (city), 1; Middletown (city), 1; Naugatuck, 1; New Britain (city), 4; New Britain (town), 3; New Hartford, 3; New Haven, 20; North Haven, 2; Norwalk, 1; Norwich, 1; Plainfield, 1; Preston, 1; Rocky Hill, 1; Stamford (city); 1; Stamford (town), 2; Stonington, 2; Suffield, 1; Thompson, 1; Torrington (town and borough), 2; Waterbury (city), 17; Westport, 4; Willimantic (city), 1.—Total, 127 in 32 towns.

Cerebro-Spinal Fever.—Chatham, 1; Cornwall, 1; Derby, 1; Middletown (city), 1; New Haven, 9; New Milford, 1; Norwalk (city), 1; Norwalk (town), 1; Southington, 1; Suffield, 1.—Total, 18 in 9 towns.

Diphtheria and Croup.—Bethel, 3; Bridgeport, 20; Bristol, 6; Brookfield, 2; Danbury (city), 9; Derby, 1; Glastonbury, 1; Greenwich, 2; Hartford, 29; Jewett City (borough), 1; Meriden (city), 2; Naugatuck, 3; New Britain (city), 1; New Canaan, 1; New Haven, 4; New Milford, 5; Norwalk (city), 1; Norwalk (town), 1; Preston 3; Ridgefield, 3; Rocky Hill, 4; Roxbury, 3; Southington, 1; South Windsor, 2; Stafford Springs (borough), 2; Stamford (city), 3; Torrington (town and borough), 4; Wallingford, 1; Waterbury (city), 3; Westport, 1.—Total, 122 in 29 towns.

Whooping Cough.—Greenwich, 4; Hampton, 3.—Total, 7 in 2 towns.

Typhoid Fever.—Bridgeport, 1; Columbia, 1; Greenwich, 1; Groton (borough), 3; Hamden, 1; Hartford, 5; Manchester, 1; New Haven, 11; New London, 1; Sherman, 1; Suffield, 3; Waterbury (city), 1; West Haven (borough), 1; Westport, 3.—Total, 34 in 14 towns.

Consumption.—Ashford, 1; Bridgeport, 5; Durham, 1; Essex, 1; Hartford, 6; Middletown (city), 2; New Haven, 3; Norwich (city), 2; Thomaston, 1; Waterbury (city), 6; Woodstock, 1.—Total, 29 in 11 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Avon, Barkhamsted, Berlin, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Brooklyn, Canaan, Canterbury, Canton, Chaplin, Cheshire, Clinton, Colchester (town and borough), Colebrook, Coventry, Cromwell, Darien, Eastford, East Granby, East Haddam, East Haven, East Lyme, Easton, Ellington, Enfield, Fairfield, Farmington, Franklin, Goshen, Griswold, Hartland, Hebron, Huntington, Kent, Killingly, Killingworth, Lebanon, Ledyard, Litchfield (town and borough), Lyme, Madison, Marlborough, Meriden, Milford, Monroe, New Fairfield, Newington, Norfolk, North Canaan, North Stonington, Old Lyme, Old Saybrook, Orange, Plainville, Plymouth, Portland, Prospect, Putnam, Ridgefield (borough), Rockville (city), Saybrook, Scotland, Shelton (borough), Somers, Sprague, Sterling, Tolland, Trumbull, Union, Vernon, Voluntown, Warren, Waterford, Watertown, Westbrook, West Hartford, Wethersfield, Wilton, Windham, Windsor, Windsor Locks, Wolcott, Woodbridge.—Total, 87.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Woodbury, 1.

Cerebro-Spinal Fever.—Chatham, 1; Cornwall, 1; Suffield, 1.—Total, 3.

Diphtheria and Croup.—Bethel, 1; Brookfield, 1; Griswold, 1; Ridgefield, 1; Rocky Hill, 1; Roxbury, 1; Stafford, 1.—Total, 7.

Whooping Cough.—Bethel, 1; Waterford, 1.—Total, 2.

Typhoid Fever.—Columbia, 1; Salisbury, 1; Westport, 1.—Total, 3.

Consumption.—Avon, 1; Berlin, 1; Bethel, 1; Bridgewater, 1; Canaan, 1; Cornwall, 1; Cromwell, 2; Darien, 3; Durham, 1; Guilford, 1; Hamden, 1; Killingworth, 1; Ledyard, 1; Plainfield, 2; Plainville, 1; Plymouth, 1; Rocky Hill, 1; Seymour, 1; Sterling, 1; Thomaston, 2; Washington, 1; West Hartford, 1.—Total, 27.

All the Health Officers of Windham and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

HARTFORD CO.—Simsbury.

NEW HAVEN CO.—Oxford.

NEW LONDON CO.—Lisbon, Montville, Salem, Stonington (borough).

FAIRFIELD CO.—Newtown.

LITCHFIELD CO.—Morris, Washington.

MIDDLESEX CO.—Haddam, Middlefield.

CEREBRO-SPINAL FEVER.

This disease has attracted more attention for a few months past than any other, both among scientists and the general public.

It has been endemic in Connecticut for many years. During the 27 years following the establishment of the State Board of Health, an average of 55 deaths per year were attributed to it. In the year 1904 it assumed a more epidemic form in several towns, more particularly in Hartford and New Haven, when it was reported as causing 203 deaths in the State, 134 of which occurred in April, May and June. It is a very uniform history of the disease that it has appeared most frequently in the latter part of winter and early spring, and that it subsides with the advance of warmer weather. It is an open question whether this is due to the change of temperature more than to the opened doors and windows of houses and a purer air for the indwellers.

As to the contagious nature of this disease opinion has been divided, and until quite recently with the weight of evidence on the non-contagious side.

The Board of Health of the City of New York, soon after the disease became prevalent there early in the present year, appointed a commission of eminent physicians and scientists to undertake an investigation, particularly as to its mode of spread and also preventive measures.

The subcutaneous and intra-spinous injection of antitoxin was thoroughly tested, but the practice has been abandoned by the Health Board as giving no evidence of benefit.

In the clinical line of study the commission made little advance upon previous knowledge. Youth and unsanitary surroundings seem to be very frequent, though not invariably associated with an outbreak.

The bacteriological study of the disease has confirmed one point previously noted by other observers, which is of prime importance in restricting its spread. It has been found that the specific germ which is the cause of the disease may often be "found in the discharges from the nose and mouth of patients during the first two weeks of the disease." The same may also be found in the nose and throat of persons in close attendance upon such patients. This fact makes the risk of possible contagion a positive condition, and impresses the importance of strict isolation of the patient and nurses, and of rigid disinfection. The attendants should also disinfect the nose and throat with antiseptic washes several times a day. In general the usual precautions taken in other contagious diseases should be observed.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, July 15, 1905.

* Six delayed certificates for May have been received since the publication of the last Bulletin.

METEOROLOGICAL REPORT FOR THE MONTH OF JUNE, 1905.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date	Barometer.† 8 A. M.	Barometer.† 8 P. M.	Temperature.‡ 8 A. M.	Temperature.‡ 8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	Relative Humidity.‖ 8 A. M.	Relative Humidity.‖ 8 P. M.	Wind. 8 A. M. Direction from	Wind. 8 A. M. Vel. in m. per h.	Wind. 8 P. M. Direction from	Wind. 8 P. M. Vel. in m. per h.	Wind. Daily Movement.	Wind. Max. velocity for a single Mile.	Precipitation.* Am't inc. melted snow Inches and 100ths.	Character of Weather. 8 A. M.	Character of Weather. 8 P. M.	Character of Day.
1	30.06	30.01	57	58	58	64	53	11	71	60	E	6	S E	5	142	13	T	Cloudy	Clear	Cloudy
2	29.95	29.87	60	60	62	73	50	23	53	86	S W	6	S W	8	200	24	.09	Clear	Cloudy	Partly Cl'dy
3	30.04	30.07	56	64	60	70	51	19	50	46	N W	16	N W	8	277	22	.0	Clear	Clear	Clear
4	30.11	29.90	61	65	62	74	50	24	52	68	S W	6	S W	10	211	20	.0	Partly Cl'dy	Cloudy	Partly Cl'dy
5	29.91	29.79	70	65	68	78	59	19	61	89	N W	2	S	9	160	14	T	Clear	Light Rain	Partly Cl'dy
6	29.65	29.91	75	58	66	78	54	24	84	85	W	8	N E	9	238	23	1.03	Partly Cl'dy	Cloudy	Partly Cl'dy
7	30.08	29.91	51	49	54	62	45	17	90	91	N E	9	N E	5	285	26	.36	Light Rain	Light Rain	Cloudy
8	29.89	30.04	47	56	54	64	45	19	82	75	N	12	S W	6	266	21	.0	Cloudy	Clear	Partly Cl'dy
9	30.12	30.07	62	70	62	78	46	32	59	48	N W	4	S W	6	164	15	.0	Clear	Clear	Clear
10	30.10	30.03	61	66	66	79	53	26	63	66	S E	5	S W	9	194	20	.0	Clear	Partly Cl'dy	Clear
11	29.99	29.86	63	63	64	68	60	8	71	83	S	6	S	8	182	14	.99	Partly Cl'dy	Light Rain	Cloudy
12	29.82	29.76	62	62	62	63	60	3	86	98	S	6	N E	4	137	12	1.97	Cloudy	Light Rain	Cloudy
13	29.91	29.87	61	66	66	72	61	11	94	87	S W	4	S	7	132	13	T	Cloudy	Clear	Partly Cl'dy
14	30.00	30.07	68	73	72	83	61	22	74	73	S	4	S	3	119	12	.0	Clear	Clear	Clear
15	30.15	30.10	77	74	73	84	62	22	59	78	N E	4	S W	5	132	15	.0	Clear	Clear	Clear
16	30 13	30.10	65	68	70	78	63	15	97	76	S	3	S	5	123	12	.0	Cloudy	Partly Cl'dy	Partly Cl'dy
17	30.11	30.04	64	71	70	78	63	15	97	90	S	6	S	8	158	13	.0	Foggy	Cloudy	Partly Cl'dy
18	30.03	29.96	76	74	77	87	67	20	76	82	S W	12	S W	10	231	20	.0	Clear	Partly Cl'dy	Partly Cl'dy
19	29.96	30.08	74	58	64	76	53	23	90	83	E	3	N E	12	212	22	.44	Cloudy	Cloudy	Cloudy
20	30.09	30.03	52	60	56	62	51	11	98	93	N E	10	N E	5	179	13	.07	Light Rain	Misting	Cloudy
21	29.98	29.88	60	61	60	62	57	5	91	98	N E	4	S E	4	124	9	.37	Cloudy	Cloudy	Cloudy
22	29.92	29.81	64	69	70	79	60	19	97	95	S	2	N W	3	100	16	.47	Cloudy	Cloudy	Partly Cl'dy
23	29.97	30.08	74	73	75	82	68	14	74	63	N	9	N E	12	139	12	.04	Cloudy	Cloudy	Cloudy
24	30.11	30.03	64	69	68	74	61	13	77	74	N	9	S	3	132	10	.04	Cloudy	Clear	Partly Cl'dy
25	29.91	29.76	68	77	70	83	58	25	74	60	S E	4	S W	10	180	15	.0	Clear	Clear	Clear
26	29.51	29.67	75	62	72	87	56	31	70	60	S W	9	N W	17	357	31	.0	Partly Cl'dy	Cloudy	Partly Cl'dy
27	29.83	29.89	59	61	60	69	52	17	59	51	N	12	N W	13	275	24	T	Clear	Clear	Partly Cl'dy
28	29.93	29.93	60	69	64	75	52	23	63	49	N W	15	W	3	225	21	.0	Clear	Partly Cl'dy	Clear
29	30.00	30.00	67	72	70	82	58	24	53	53	N W	9	S W	10	189	13	.0	Clear	Clear	Clear
30	30.10	30.09	68	71	69	81	57	24	66	62	N W	2	S	7	156	13	.0	Clear	Clear	Clear
Month Ave's.	29.97	29.95	64	65	66	75	56	19	74	74	N W	7	S W	8	187	31	5.87			

SUMMARY.

Barometer.

Monthly Mean, 29.96 inches.

Highest, 30.15 in.; Date, 15.

Lowest, 29.57 in.; Date, 26.

Monthly range, .58 inches.

Temperature.

Monthly Mean, 66 degrees.
Highest, 87 degrees; Date, 26.
Lowest, 45 degrees; Date, 7.
Absolute range, 42 degrees.
Greatest daily range, 32 degrees; Date, 9.
Least daily range, 3 deg.; Date, 12.
Mean daily range, 19 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 205 degrees.

Wind.

Prevailing direction, S.
Mean hourly velocity, 8 miles.
Max. velocity and direction, 31 W.; Date, 26.
Total monthly movement, 5,619 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 15.
*Greatest 24 hour precipitation, (in. and 100ths), 2.94; 11, 12.
Total monthly precipitation, (in. and 100ths), 5.87 in.
Total depth of snowfall (in.), 0.
Dates of thunder storms, 2, 6, 7, 19, 22, 26.
Accumulated deficiency of precipitation since Jan. 1st, 3.10 inches.

Compar. Temp. (Mon. Mean.)

1873---67 deg.	1890---56 deg.
1874---67 "	1891---66 "
1875---66 "	1892---69 "
1876---71 "	1893---66 "
1877---68 "	1894---68 "
1878---65 "	1895---68 "
1879---67 "	1896---65 "
1880---69 "	1897---64 "
1881---62 "	1898---67 "
1882---66 "	1899---69 "
1883---68 "	1900---68 "
1884---67 "	1901---68 "
1885---65 "	1902---65 "
1886---63 "	1903---61 "
1887---65 "	1904---66 "
1888---68 "	1905---66 "
1889---67 "	

Com. Rainfall. (Inches and 100ths.)

1873---2.07	1890---3.12
1874---3.41	1891---1.90
1875---3.50	1892---2.36
1876---1.86	1893---2.07
1877---6.17	1894---0.49
1878---2.62	1895---2.41
1879---4.62	1896---2.96
1880---1.21	1897---2.47
1881---5.14	1898---0.21
1882---2.74	1899---2.59
1883---1.83	1900---1.79
1884---5.20	1901---0.25
1885---1.43	1902---4.35
1886---2.84	1903---4.41
1887---5.62	1904---2.46
1888---2.15	1905---5.87
1889---3.17	

Monthly mean humidity, 74 per cent. Monthly mean dew point, 56. Number of clear days, 9. Number of fair days, 13. Number of cloudy days, 8.

Notes.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 116 feet. Elevation of rain and snow gauges, 111 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIX. NO. 7.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, LL.D., NEW HAVEN, PRES.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. MCKENZIE, CIVIL ENG., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
LEWIS SPERRY, ATT'Y AT LAW, HARTFORD.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JULY, 1905

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of July, 1905, and a Statement of the Births and Marriages for the Month of June, 1905.

Total estimated population of the State is 989,570.

TOWNS.	Estimated Population.	Living Births in June.	Still Births in June.	Marriages in June.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,850	35	--	15	14	12.1	5	1	42.9	----	----	----	----	----	----	----	----	----	----	----	2	2	----	----	----	1	1	4	4
Branford,	6,339	15	----	5	7	13.2	1	1	28.6	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	1	1	2
Bridgeport,	82,061	139	7	110	156	22.5	63	17	51.2	----	2	----	----	----	1	1	----	1	----	----	46	2	17	5	1	14	9	14	43
Bristol,	10,773	24	----	10	17	18.9	6	3	52.9	----	----	----	----	----	----	----	----	----	----	----	7	----	----	----	----	----	3	1	6
Danbury,	19,475	40	3	22	35	19.7	9	3	34.2	----	----	----	----	1	1	----	----	----	----	----	6	1	3	2	1	4	2	3	11
Derby,	8,910	14	----	18	13	17.5	3	2	38.4	----	----	----	----	----	----	----	----	2	1	----	3	----	2	1	----	----	1	----	3
East Hartford,	7,381	23	----	7	7	11.3	5	----	71.2	----	----	----	----	----	----	----	----	----	----	----	4	----	1	----	----	1	----	----	1
Enfield,	6,449	17	----	18	23	42.8	7	5	52 1	----	1	----	----	----	----	----	----	----	----	----	5	1	2	1	1	----	2	2	8
Greenwich,	13,192	20	2	14	26	23.7	8	----	30.8	----	----	----	----	----	----	----	----	1	----	----	5	----	2	----	----	2	1	3	12
Groton,	6,173	20	2	10	5	9.7	1	----	20.0	----	----	----	----	----	----	----	----	1	1	----	----	----	----	1	----	----	1	----	1
Hartford,	93,160	166	6	139	147	17.2	47	9	38.0	----	----	----	----	----	5	1	----	2	----	----	30	----	15	5	----	15	8	14	52
Huntington,	6,355	17	1	2	10	18.9	3	1	40.0	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	1	1	1	5
Killingly,	6,739	15	3	7	6	10.7	2	----	33 3	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	----	1	1	----	2
Manchester,	11,790	20	----	14	17	17.3	9	1	58.8	----	----	----	----	1	1	----	----	2	----	----	6	----	----	----	1	2	----	----	4
Meriden,	30,331	57	2	37	32	11.9	10	3	40.6	----	----	----	----	----	----	1	----	----	----	----	7	----	2	1	----	5	----	4	12
Middletown,	18,626	34	1	20	44	19.9	7	3	22 7	----	----	1	----	1	1	----	----	----	----	----	7	3	4	----	----	8	7	3	9
Naugatuck,	12,702	29	----	20	21	19.8	9	1	47.6	----	----	----	----	----	----	----	----	----	----	----	7	1	2	----	----	----	1	1	9
New Britain,	32,799	113	2	55	60	21.9	36	5	68.3	----	----	----	----	----	----	1	----	----	----	----	23	1	4	3	1	3	2	3	19
New Haven,	119,018	239	11	168	219	20.6	74	18	42.0	----	----	----	----	5	1	2	----	4	2	----	54	12	12	9	----	12	13	23	70
New London,	19,443	43	2	33	51	31.4	12	2	27.4	----	----	----	----	----	----	----	----	2	----	----	10	2	3	1	----	3	6	7	17
New Milford,	5,247	7	----	5	6	13.7	1	----	16.7	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	3	1	----	1
Norwalk,	21,024	35	4	22	35	18.8	6	2	22.9	----	----	----	----	2	----	----	----	2	----	----	5	1	4	1	1	7	5	3	4
Norwich,	25,506	47	----	25	43	14.9	12	6	41.9	----	----	----	----	----	----	----	----	----	1	1	12	4	1	2	1	5	5	1	10
Orange,	8,225	12	----	8	10	14.6	1	1	20 0	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	----	3	5
Putnam,	7,766	18	----	5	12	18.5	2	1	25.0	----	----	----	----	1	----	----	----	----	----	----	3	2	1	----	----	4	----	----	1
Southington,	6,084	13	----	6	9	17.8	3	----	33.3	----	----	----	----	----	----	----	1	----	----	----	3	----	1	----	----	1	1	1	1
Stamford,	20,408	29	----	19	50	28.2	23	4	54.0	----	1	----	----	----	----	2	----	----	----	----	11	2	2	1	2	5	1	2	21
Stonington,	9,218	21	2	10	14	18.2	2	----	14.2	----	----	----	----	----	----	----	----	----	1	----	----	2	1	----	----	4	----	1	5
Thompson,	6,873	14	1	8	3	5.2	2	----	66.6	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	3
Torrington,	15,055	28	1	12	24	18.3	12	2	58.3	----	----	----	----	----	----	----	----	----	----	----	11	----	2	1	1	1	----	2	6
Vernon,	8,321	14	1	11	14	20.1	8	4	85.7	----	----	----	----	----	----	----	----	----	----	----	9	----	----	----	----	----	1	----	4
Wallingford,	10,209	16	----	19	13	15.2	4	----	30.8	----	----	----	----	----	----	----	----	----	----	----	4	1	----	----	----	1	1	1	5
Waterbury,	60,107	139	5	67	137	26.9	64	14	56 9	----	3	1	1	----	----	----	----	3	----	----	60	4	4	3	1	9	4	5	39
Winchester,	8,553	9	----	9	9	12.6	2	----	22.2	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	1	1	----	5
Windham,	10,189	14	----	20	25	29.4	9	----	36.0	----	----	1	----	----	----	----	----	----	----	1	9	----	3	----	1	2	2	1	5
Total of the 35 above towns,	748,951	1496	56	970	1314	21.0	468	109	43.9	----	7	3	1	11	11	9	1	20	6	2	352	42	92	37	12	117	82	104	405
131 towns of less than 5,000 inhabitants,	238,653	323	16	219	334	16.8	27	11	11.3	----	----	----	----	----	----	4	----	3	1	----	62	10	18	7	1	42	27	31	128
Total reported from 166 towns,	987,604	1819	72	1189	1648	20.0	495	120	37.3	----	7	3	1	11	11	13	1	23	7	2	414	52	110	44	13	159	109	135	533
Population of towns not reporting,	1,966																												

The Mortality in Public Institutions of the State was: in Bridgeport, 18; in Danbury, 5; in Hartford, 42; in Meriden, 3; in Middletown, 17; in New Britain, 1; in New Haven, 56; in New London, 9; in Norwalk, 3; in Norwich, 6; in Putnam, 2; in Stamford, 3; and in Waterbury, 14. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in July: Andover, Beacon Falls, Brookfield, Brooklyn, Chaplin, Clinton, Columbia, Eastford, East Granby, East Haven, Essex, Franklin, Goshen, Hartland, Kent, Lisbon, Lyme, Marlborough, Middlefield, Monroe, North Branford, Old Lyme, Old Saybrook, Prospect, Rocky Hill, Scotland, Sherman, Somers, Sterling, Union, Weston, Wilton—32.

The Registrars of the following towns have made no report for July: Morris, Sprague—2.

REMARKS.

By Mortality Reports received there were 1,648 deaths during the month of July. This was 359 more than in June, and 239 more than in July of last year, and 228 more than the average number of deaths in July for the five years preceding.

	1905	1904	1903	1902	1901	1900
January,	1412	1440	1420	1172	1439	1367
February,	1368	1387	1303	1124	1381	1261
March,	1577	1525	1421	1239	1441	1691
Total 1st quarter,	4357	4352	4144	3535	4261	4319
April,	1329	1377	1245	1191	1253	1678
May,	1199	1317	1265	1100	1056	1230
*June,	1289	1129	1163	1061	1022	1121
Total 2d quarter	3817	3823	3673	3352	3331	4029
July,	1648	1409	1414	1394	1297	1583

The death-rate was 21.0 for the large towns, for the small towns 16.8, and for the whole State 20.0.

As usual the difference in the death-rates between the large and small towns is always greatest in hot weather, due mostly to infantile diarrhœa, which is always less prevalent in the fresher milk supply of the country.

The deaths reported from infectious diseases were 189, being 11.3 per cent. of the total mortality.

Consumption is now recognized as an infectious disease and in this and future reports will be so counted.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—Ansonia, 4; Branford, 1; Bridgeport, 9; Enfield, 1; Fairfield, 1; Guilford, 1; Hamden, 1; Hartford, 10; Kent, 2; Lyme, 3; Manchester, 1; Madison, 2; Mansfield, 4; Meriden (city), 2; Middletown (city), 10; Milford, 1; Montville, 2; Naugatuck, 7; New Haven, 3; New London, 3; North Haven, 2; Plainfield, 1; Seymour, 1; Stamford (city), 2; Stratford, 6; Thompson, 3; Trumbull, 6; Vernon, 1; Waterbury (city), 14; Windham, 2.—Total, 106 in 30 towns.

Scarlet Fever.—Ansonia, 1; Berlin, 1; Bridgeport, 4; Danbury, 2; Hartford, 1; Manchester, 1; Middletown, 2; Milford, 2; New Britain (city) 1; New Haven, 12; North Haven, 1; Norwalk, 1; Torrington (town and borough), 3; Waterbury (city), 7; West Hartford, 1; Westport, 1; Weston, 1; Willimantic (city), 1.—Total, 43 in 18 towns.

Cerebro-Spinal Fever.—Berlin, 1; Hamden, 1; New Haven, 5; Putnam, 1; Southington, 1.—Total, 9 in 5 towns.

Diphtheria and Croup.—Ansonia, 1; Bethel, 2; Branford, 3; Bridgeport, 5; Danbury (city), 2; Hamden, 4; Hartford, 17; Harwinton, 1; Huntington, 1; Meriden (city), 2; Middletown, 1; New Haven, 2; New Milford, 1; Norwalk (city), 1; Norwalk (town), 2; Seymour, 2; Shelton (borough), 1; Stamford (city), 1; Stonington, 1; Suffield, 1; Torrington (town and borough) 4; Warren, 5; Waterbury (city), 3; Willimantic (city), 3.—Total, 66 in 22 towns.

Whooping Cough.—Branford, 2; Chester 9; Colchester (town and borough), "few cases"; East Haddam, 1; Hartford, 13; Hebron, 11; Ridgefield, 5; Woodbridge, 2.—Total, 43+in 8 towns.

Typhoid Fever.—Ansonia, 1; Bethel, 2; Bethlehem, 1; Bloomfield, 2; Bridgeport, 7; Cornwall, 1; Coventry, 2; East Hartford, 1; Hartford, 1; Hebron, 1; Lisbon, 1; Manchester, 1; Milford 1; New Haven, 19; Newington, 1; North Canaan, 3; Norwalk (city), 1; Norwalk (town), 1; Ridgefield (borough), 1; Rockville (city), 1; Seymour, 2; Stamford (city), 1; Torrington (town and borough), 2; Waterbury (city), 11; West Hartford, 2; Westport, 1; Woodbury, 1.—Total, 69 in 26 towns.

Consumption.—Bridgeport, 9; Middletown (city), 2; New Haven, 7; Newtown, 1; Norwich (city), 1, Scotland, 1; Seymour, 1; Waterbury (city), 3.—Total, 25 in 8 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Barkhamsted, Beacon Falls, Bethany, Bolton, Bridgewater, Brookfield, Brooklyn, Burlington, Canaan; Canterbury, Canton, Chaplin, Chatham, Cheshire, Colebrook, Columbia, Cromwell, Danielson (borough), Darien, Durham, Eastford, East Granby, East Haven, East Lyme, Easton, East Windsor, Ellington, Essex, Farmington, Franklin, Glastonbury, Goshen, Granby, Griswold, Groton, Haddam, Hampton, Hartland, Jewett City (borough), Killingly, Killingworth, Lebanon, Ledyard, Litchfield, Marlborough, Meriden, Middlebury, Morris, New Britain (town), New Canaan (town and borough), New Fairfield, Norfolk, North Branford, Old Lyme, Old Saybrook, Orange, Oxford, Plainville, Plymouth, Pomfret, Prospect, Rocky Hill, Roxbury, Salem, Salisbury, Saybrook, Sharon, Sherman, Simsbury, Somers, Southbury, South Norwalk (city), Sprague, Stafford, Stamford, Sterling, Thomaston, Union, Voluntown, Wallingford, Watertown, Westbrook, West Haven (borough), Willington, Wilton, Winchester, Windsor, Winsted (borough), Wolcott, Woodstock.—Total, 91.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Whooping Cough.—Chester, 1; Hebron, 1; Milford, 2.—Total, 4.

Typhoid Fever.—Bethlehem, 1; Simsbury, 1; Westport, 1.—Total, 3.

Consumption.—Ashford, 1; Canterbury, 1; East Haddam, 1; Fairfield, 1; Glastonbury, 1; Granby, 1; North Canaan, 1; Plainfield, 1; Pomfret, 2; Portland, 1; Redding, 1; Ridgefield, 1; Thomaston, 1; Westbrook, 1; West Hartford, 1; Wethersfield, 1; Woodbury, 1.—Total, 18.

All the Health Officers of Windham County have reported, but the Health Officers of the following Towns have not reported:

HARTFORD CO.—Avon, Bristol, South Windsor, Wethersfield, Windsor Locks.

NEW HAVEN CO.—Derby.

NEW LONDON CO.—Bozrah, Groton (borough), North Stonington, Norwich, Preston, Stonington (borough), Waterford.

FAIRFIELD CO.—Greenwich, Monroe, Redding.

LITCHFIELD CO.—New Hartford, Washington.

MIDDLESEX CO.—Clinton, Middlefield, Portland.

TOLLAND CO.—Tolland.

* Thirteen delayed certificates for June have been received since the publication of the last Bulletin.

THE DISEASES OF THE SEASONS.

It is a matter of common observation that the acute diseases of the organs of respiration occur more frequently and fatally in the winter and early spring than at other times. It is equally true that disorders of the digestive organs are far more frequent in the months of July, August and September than in other months. An important question is,—Why do we have pneumonia in cold weather and diarrhœal diseases in hot weather? Do the extremes of temperature give a full and satisfactory explanation? It is evident that cold and heat are not essential to their production, because they do occasionally occur in any climatic temperature. The probability is that the effect of temperature is not direct in causing these diseases, but that its influence is chiefly limited to producing conditions,—an environment favorable to the development of these diseases. Do not the pneumonic diseases happen in the latter part of winter and in early spring, and largely among elderly people, because during the previous weeks and months they have been housed most of the time, and obliged to breathe only house air? In consequence of the impurities produced by the combustion of fuel and of the agents of illumination, the respiration of persons and animals, and the exhalations from their bodies, the innumerable micro-organisms and the ever-present dust within the confined walls of the house, house air is always many, many times more impure than outdoor air. The continuous, almost uninterrupted inhalation of house-vitiated air weakens and conquers the resistive powers of the lungs, and makes them more susceptible to pneumonic infections. With the approach of warm weather the house is opened, people get out and pneumonia diminishes. Moral:—People should get outdoors every day in winter.

Diarrhœal disorders are not directly produced by a high temperature. Such as are not caused by organic disease are the result of errors of diet. The most numerous victims are infants. It is not because they are infants, for infants that derive all their nourishment from nature's source do not have summer diarrhœa.

Nursing babies are immune. It is only bottled-fed babies that are fed on poisoned milk or other bad food that suffer. They suffer not because the weather is hot, but because the disease-producing germs, which are of the vegetable kingdom, grow enormously more abundantly in hot weather than when it is cold and get into the food of both infants and adults. It is almost exclusively germ-infected food that causes summer diarrhœas. Moral:—Keep all food clean and in clean places. Especially keep the refrigerator and the pantry clean.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, August 15, 1905.

METEOROLOGICAL REPORT FOR THE MONTH OF JULY, 1905.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.13	30.06	68	68	69	74	64	10	76	83	S	6	S E	8	198	16	T	Partly Cl'dy	Cloudy	Partly Cl'dy
2	30.01	29.88	67	67	66	68	64	4	90	94	S	11	S	8	208	16	.15	Sprinkling	Light Rain	Cloudy
3	29.91	29.95	70	72	74	85	64	21	70	82	N E	15	S E	6	181	19	T	Clear	Clear	Clear
4	30.03	30.02	76	73	74	83	66	17	70	59	N W	4	S W	7	126	11	.0	Clear	Clear	Clear
5	30.13	30.12	65	67	68	73	63	10	92	86	S E	7	S E	7	171	15	.0	Cloudy	Partly Cl'dy	Partly Cl'dy
6	30.13	30.09	65	70	70	76	63	13	96	86	S E	7	S E	8	188	15	T	Cloudy	Cloudy	Partly Cl'dy
7	30.08	30.01	68	70	70	76	65	11	90	85	S E	7	S E	5	160	14	T	Cloudy	Clear	Partly Cl'dy
8	29.98	29.96	70	73	75	82	68	14	96	89	S E	4	S	5	133	12	T	Cloudy	Partly Cl'dy	Partly Cl'dy
9	29.98	29.96	77	76	78	86	70	16	79	74	S E	5	S W	7	188	22	.0	Partly Cl'dy	Clear	Clear
10	30.05	30.06	77	76	80	88	71	17	74	73	S E	4	S	6	170	18	T	Clear	Cloudy	Clear
11	30.10	30.09	78	75	78	86	70	16	73	82	S W	6	S	6	195	22	.0	Partly Cl'dy	Clear	Clear
12	30.15	30.13	77	77	80	88	72	16	77	79	S	8	S W	9	248	20	.0	Clear	Clear	Clear
13	30.17	30.10	76	75	78	85	71	14	82	82	S W	7	S W	12	278	26	.02	Cloudy	Clear	Partly Cl'dy
14	30 07	30.01	75	77	78	86	69	17	80	79	S W	7	S W	12	231	20	.20	Clear	Cloudy	Partly Cl'dy
15	30 01	30.05	75	75	75	83	67	16	74	74	W	6	N W	4	201	24	.02	Clear	Clear	Clear
16	30.17	30.01	71	71	70	80	59	21	58	66	N E	7	S W	12	211	16	.0	Clear	Cloudy	Clear
17	29.93	29.83	75	87	80	93	67	26	70	56	S W	12	W	8	217	17	.0	Partly Cl'dy	Clear	Clear
18	29.91	29.86	81	87	84	94	74	21	58	57	S W	12	W	7	150	14	.01	Clear	Clear	Clear
19	29.85	29.77	84	72	80	94	67	27	57	88	N W	5	S W	7	179	40	.34	Clear	Cloudy	Partly Cl'dy
20	29.81	29.80	75	78	78	86	69	17	72	52	W	6	N	7	188	20	.0	Partly Cl'dy	Clear	Clear
21	29.90	29.93	70	73	72	83	62	21	67	54	N	10	W	6	174	12	.0	Clear	Partly Cl'dy	Clear
22	30.01	29.97	68	71	68	77	59	18	58	68	N E	12	E	3	186	13	.0	Partly Cl'dy	Clear	Partly Cl'dy
23	29.99	29.98	59	67	63	69	57	12	81	75	N E	9	W	1	198	22	.43	Light Rain	Cloudy	Cloudy
24	29.99	29.91	65	65	66	71	62	9	82	95	E	5	S E	4	154	15	.37	Cloudy	Light Rain	Cloudy
25	29.91	29.95	64	69	68	77	59	18	82	61	N	3	N W	7	177	16	.0	Clear	Clear	Clear
26	30.02	30.01	65	69	66	77	56	21	61	52	N W	10	W	3	175	15	T	Clear	Clear	Clear
27	30.07	30.06	70	72	68	81	56	25	66	62	W	6	S W	8	179	17	.0	Clear	Clear	Clear
28	30.11	30.05	72	73	72	82	61	21	61	78	W	4	S	6	136	14	.0	Clear	Partly Cl'dy	Partly Cl'dy
29	29.99	29.84	70	68	72	78	66	12	88	95	N E	4	E	15	222	17	.90	Partly Cl'dy	Misting	Partly Cl'dy
30	29.68	29.59	67	70	74	81	66	15	95	90	N E	4	N W	4	138	13	.41	Light Rain	Sprinkling	Cloudy
31	29.60	29.59	64	66	68	73	62	11	79	75	N	12	N	11	229	16	.01	Cloudy	Cloudy	Cloudy
Month Ave's.	30.00	29.96	71	73	73	81	65	16	76	75	N E S E	7	S W	7	186	40	2.86			

SUMMARY.

BAROMETER.

Monthly Mean, 29.98 inches.

Highest, 30.17 in.; Date, 13.

Lowest, 29.59 in.; Date, 30.

Monthly range, .58 inches.

TEMPERATURE.

Monthly Mean, 73 degrees.
Highest, 95 degrees; Date, 18.
Lowest, 56 degrees; Date, 26.
Absolute range, 39 degrees.
Greatest daily range, 25 degrees; Date, 27.
Least daily range, 4 deg.; Date, 2.
Mean daily range, 16 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 169 degrees.

WIND.

Prevailing direction, S.
Mean hourly velocity, 8 miles.
Max. velocity and direction, 40 N. W.; Date, 19.
Total monthly movement, 5,789 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 18.
*Greatest 24 hour precipitation, (in. and 100ths), 1.31; 29, 30.
Total monthly precipitation, (in. and 100ths), 2.86 in.
Total depth of snowfall (in.), 0.
Dates of thunder storms, 10, 13, 14, 18, 19, 24, 26, 29, 30.
Accumulated deficiency of precipitation since Jan. 1st, 5.18 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---73 deg.		1890---69 deg.	
1874---72	"	1891---68	"
1875---71	"	1892---72	"
1876---76	"	1893---71	"
1877---73	"	1894---73	"
1878---74	"	1895---69	"
1879---71	"	1896---72	"
1880---73	"	1897---72	"
1881---71	"	1898---72	"
1882---72	"	1899---72	"
1883---71	"	1900---73	"
1884---68	"	1901---74	"
1885---72	"	1902---70	"
1886---70	"	1903---72	"
1887---75	"	1904---71	"
1888---69	"	1905---73	"
1889---70	"		

COM. RAINFALL. (Inches and 100ths.)

1873---1.55	1890---6.59
1874---4.90	1891---4.52
1875---4.42	1892---4.33
1876--11.05	1893---1.89
1877---2.37	1894---2.40
1878---2.53	1895---3.77
1879---9.50	1896---3.86
1880---4.90	1897--16.63
1881---3.53	1898---5.03
1882---3.03	1899---4.17
1883---5.67	1900---2.28
1884---5.89	1901---4.40
1885---2.51	1902---3.26
1886---4.69	1903---2.17
1887---4.66	1904---2.08
1888---1.76	1905---2.80
1889--17.08	

Monthly mean humidity, 76 per cent. Monthly mean dew point, 63. Number of clear days, 15. Number of fair days, 11. Number of cloudy days, 5.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 116 feet. Elevation of rain and snow gauges, 111 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIX. No. 8

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, LL.D., NEW HAVEN, PRES.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. McKENZIE, CIVIL ENG., SOUTHINGTON.
E. K. RODT, M.D., HARTFORD.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.
LEWIS SPERRY, ATT'Y AT LAW, HARTFORD.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF AUGUST, 1905

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of August, 1905, and a Statement of the Births and Marriages for the Month of July, 1905.

Total estimated population of the State is 989,570.

TOWNS.	Estimated Population.	Living Births in July.	Still Births in July.	Marriages in July.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,850	40	2	10	16	13.9	9	----	56.2	----	----	----	----	----	----	----	----	1	----	----	4	----	----	----	----	4	1	----	6
Branford,	6,339	11	1	2	8	15.1	2	1	37.5	----	----	----	----	1	----	----	----	----	----	----	1	1	1	1	----	----	1	----	2
Bridgeport,	82,061	213	8	69	113	15.6	33	11	38.9	----	----	1	----	----	2	1	----	2	----	----	27	3	10	5	----	9	9	13	31
Bristol,	10,773	31	2	6	21	23.4	12	2	66 6	----	----	----	----	----	----	----	----	----	----	----	10	2	1	2	----	----	----	----	6
Danbury,	19,475	31	--	6	20	12.9	7	1	40.0	----	----	----	----	----	3	----	----	1	----	----	4	----	----	----	----	3	1	2	6
Derby,	8,910	18	5	8	8	10.8	3	----	37.5	----	----	----	----	----	----	----	----	----	1	----	1	1	----	----	----	1	----	----	4
East Hartford,	7,381	17	----	3	4	6.5	1	----	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	2
Enfield,	6,449	18	----	15	10	18.6	6	2	80.0	----	----	----	----	----	1	----	1	----	----	----	4	----	1	----	----	----	----	1	2
Greenwich,	13,192	22	1	8	24	21.8	5	1	25.0	----	----	----	----	----	1	----	----	----	----	----	2	----	3	----	----	5	2	1	10
Groton,	6,173	12	2	3	10	19.4	1	----	10.0	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	1	----	2	5
Hartford,	93,160	174	4	55	114	12.3	24	7	27 1	----	----	----	----	2	3	----	----	1	----	----	11	----	13	4	----	7	4	10	59
Huntington,	6,355	11	----	1	6	11.3	1	1	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	1	1	----	2
Killingly,	6,739	11	1	8	7	12.4	4	----	59.1	----	----	----	----	----	----	----	----	----	----	----	3	----	----	1	----	----	1	----	2
Manchester,	11,790	21	1	6	27	27.4	7	3	37.0	----	----	----	----	----	----	----	1	----	----	----	8	2	2	----	----	3	1	----	10
Meriden,	30,331	68	1	20	44	17.0	9	3	27.2	----	----	----	----	----	----	2	----	1	----	----	6	1	5	1	----	8	1	1	18
Middletown,	18,626	25	2	16	38	17.4	6	3	23.7	----	----	----	----	----	----	1	----	----	----	----	5	8	2	5	----	6	4	1	6
Naugatuck,	12,702	29	3	11	16	15.1	7	2	56.2	----	----	----	----	----	----	----	----	----	----	----	6	----	2	----	----	----	----	----	8
New Britain,	32,799	125	3	34	50	17.6	24	2	52.0	----	----	----	----	1	----	----	----	1	----	----	11	2	5	1	----	2	3	4	20
New Haven,	119,018	295	12	86	173	16.2	46	14	34.7	----	1	----	----	2	----	2	----	6	1	----	19	7	12	6	----	16	14	6	81
New London,	19,443	45	6	12	31	18.1	9	2	35 4	----	----	----	----	----	----	----	----	2	----	----	6	1	4	----	----	----	1	4	13
New Milford,	5,247	3	----	6	6	13.7	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	5
Norwalk,	21,024	40	4	7	33	18.8	14	---	42.4	----	----	----	----	----	----	----	----	1	----	----	10	2	1	----	----	4	2	---	13
Norwich,	25,506	58	3	19	44	19.2	17	1	40 9	----	----	----	----	----	----	----	1	----	----	----	10	2	1	----	----	5	6	2	17
Orange,	8,225	17	1	2	14	20.4	6	----	42.8	----	----	----	----	----	----	----	----	----	1	----	4	----	2	----	----	2	1	1	3
Putnam,	7,766	14	----	5	15	23.1	6	2	54.4	----	----	----	----	----	----	----	----	----	----	----	5	1	----	----	----	2	----	2	5
Southington,	6,084	9	1	2	8	15.8	5	----	62.5	----	----	----	----	2	----	----	----	----	----	----	3	----	----	----	----	1	----	----	2
Stamford,	20,408	34	2	14	35	20.6	8	6	40.0	----	----	----	----	----	----	2	----	1	----	----	5	----	3	1	2	7	2	3	9
Stonington,	9,218	21	----	3	15	19.5	5	2	46.6	----	----	----	----	----	----	----	----	----	----	----	5	----	1	----	----	2	2	----	5
Thompson,	6,873	8	----	1	6	10.4	2	2	66.6	----	1	----	----	----	----	1	----	----	----	----	2	----	----	----	----	----	----	1	1
Torrington,	15,655	33	2	8	26	19.9	20	1	80.8	----	----	----	----	----	----	----	----	1	----	----	14	----	----	----	1	2	1	----	7
Vernon,	8,321	16	---	11	12	17.4	5	----	41.5	----	----	----	----	----	----	----	----	----	----	----	3	2	3	----	----	1	----	----	3
Wallingford,	10,209	25	----	5	9	10.5	5	----	55 5	----	----	----	----	----	----	----	----	----	1	1	----	----	1	----	----	----	1	----	5
Waterbury,	60,107	141	4	40	87	16.9	32	12	50.6	----	----	----	----	----	1	2	----	4	----	----	32	5	5	5	2	2	3	3	23
Winchester,	8,553	18	----	5	12	15.4	2	1	25 0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	9
Windham,	10,189	18	----	11	22	25.9	11	----	50 0	----	----	----	----	----	1	----	----	1	----	----	9	1	1	---	1	----	1	1	6
Total of the 35 above towns,	748,951	1672	71	528	1084	17.3	354	82	40.2	----	2	1	----	8	13	11	2	24	4	1	230	42	81	34	6	94	66	59	406
129 towns of less than 5,000 inhabitants,	238,454	401	20	85	325	16.3	34	12	14.1	----	----	1	----	1	2	2	2	2	2	----	63	16	14	5	5	49	26	19	116
Total reported from 164 towns,	987,405	2073	91	613	1409	17.1	388	94	34.2	----	2	2	----	9	15	13	4	26	6	1	293	58	95	39	11	143	92	78	522
Population of towns not reporting,	2,165																												

The Mortality in Public Institutions of the State was: in Bridgeport, 17; in Danbury, 1; in Greenwich, 3; in Hartford, 39; in Meriden, 4; in Middletown, 16; in New Britain, 3; in New Haven, 40; in New London, 3; in Norwich, 6; in Putnam, 2; in Stamford, 6; in Waterbury, 9; and in Winchester, 1. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in August: Andover, Bethany, Burlington, Canaan, Chaplin, Colebrook, Columbia, Cromwell, Durham, East Granby, Easton, Franklin, Granby, Hampton, Hartland, Harwinton, Killingworth, Marlborough, Middlebury, Monroe, North Branford, Roxbury, Salem, Saybrook, Scotland, Somers, Sprague, West Hartford, Wolcott—29.

The Registrars of the following towns have made no report for August: Bolton, Morris, New Fairfield, Sherman—4.

REMARKS.

By Mortality Reports received there were 1,409 deaths during the month of August. This was 241 less than in July, and 47 more than in August of last year, and 4 less than the average number of deaths in August for the five years preceding.

	1905	1904	1903	1902	1901	1900
January,	1412	1440	1420	1172	1439	1367
February,	1368	1387	1303	1124	1381	1261
March,	1577	1525	1421	1239	1441	1691
Total 1st quarter,	4357	4352	4144	3535	4261	4319
April,	1329	1377	1245	1191	1253	1678
May,	1199	1317	1265	1100	1056	1230
June,	1289	1129	1163	1061	1022	1121
Total 2d quarter	3817	3823	3673	3352	3331	4029
*July,	1650	1409	1414	1304	1297	1583
August,	1409	1362	1404	1348	1310	1642

The death-rate was 17.3 for the large towns, for the small towns 16.3, and for the whole State 17.1.

The deaths reported from infectious diseases were 173, being 12.2 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—Bridgeport, 4; Colchester, 1; Haddam, 2; Hamden, 1; Hartford, 3; Naugatuck, 3; New London, 1; Norwalk (city), 1; Norwalk (town), 1; Waterbury (city), 2.—Total, 19 in 9 towns.

Scarlet Fever.—Ansonia, 1; Bridgeport, 6; Danielson (borough), 1; Hamden, 1; Hartford, 7; Naugatuck, 1; New Britain (city), 2; New Hartford, 1; New Haven, 12; North Stonington, 1; Preston, 2; Stamford (city), 1; Waterbury, 7; Westport, 1.—Total, 44 in 15 towns.

Cerebro-Spinal Fever.—Bridgeport, 1; New Britain (city), 1; New Haven, 2; Southington, 1; Stamford, 2.—Total, 7 in 5 towns.

Diphtheria and Croup.—Ansonia, 1; Danbury (city), 3; Danbury (town), 1; Darien, 1; Enfield, 2; Fairfield, 1; Hartford, 17; Huntington, 3; Meriden (city), 4; Naugatuck, 2; New Britain (city), 3; New Fairfield, 1; New Haven, 3; New Milford, 8; Norwich (city), 1; Ridgefield (town), 1; Ridgefield (borough), 2; Shelton (borough), 1; Stamford (city), 2; Torrington, 1; Warren, 5; Waterbury, 7; Willimantic (city), 1; Wilton, 1.—Total, 72 in 20 towns.

Whooping Cough.—Bethel, "few cases"; Enfield, 1; Harwinton, 4; Hebron, 3; Redding, 2; Ridgefield (town), 4; Ridgefield (borough), 10; Wethersfield, 1.—Total, 25+ in 7 towns.

Typhoid Fever.—Ansonia, 12; Barkhamsted, 1; Bridgeport, 7; Bristol, 1; Canton, 2; Danbury (city), 1; Danbury (town), 1; East Hartford, 3; East Haven, 1; Greenwich, 1; Groton (borough), 3; Guilford, 1; Hamden, 5; Hartford, 26; Harwinton, 1; Kent, 1; Killingly, 1; Lebanon, 1; Lisbon, 2; Litchfield (town and borough), 3; Madison, 1; Meriden (city), 1; Middletown (city), 1; Naugatuck, 4; New Britain (city), 6; New Hartford, 1; New Haven, †61; Newington, 1; North Branford, 3; Norfolk, 1; North Haven, 1; Norwalk (city), 2; Norwalk (town), 1; Orange, 2; Plainville, 1; Putnam, 1; Redding, 2; Ridgefield (town), 5; Ridgefield (borough), 3; Rockville (city), 1; Seymour, 4; South Norwalk (city), 2; Stafford, 3; Stafford Springs (borough), 2; Stamford (city), 13; Stonington, 1; Torrington (town and borough), 4; Wallingford, 5; Waterbury (city), 20; Watertown, 2; West Haven (borough), 25; Weston, 2; Willimantic (city), 1; Wilton, 2; Windsor Locks, 1.—Total, 260 in 51 towns.

Consumption.—Bridgeport, 4; Chatham, 1; Hartford, 5; Middletown, 1; New Britain (city), 2; Rocky Hill, 1; Scotland, 1; South Norwalk (city), 3; Waterbury (city), 5; West Haven (borough), 1.—Total, 24 in 10 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Beacon Falls, Berlin, Bethlehem, Bloomfield, Bolton, Bozrah, Branford, Bridgewater, Brookfield, Brooklyn, Burlington, Canaan, Chaplin, Cheshire, Chester, Columbia, Cornwall, Coventry, Cromwell, Derby, Durham, Eastford, East Granby, East Haddam, East Lyme, Easton, East Windsor, Ellington, Farmington, Franklin, Glastonbury, Goshen, Granby, Griswold, Hampton, Hartland, Jewett City (borough), Killingworth, Ledyard, Lyme, Mansfield, Marlborough, Meriden, Middlebury, Milford, Monroe, Montville, Morris, New Britain, North Canaan, Old Lyme, Old Saybrook, Oxford, Plainfield, Plymouth, Pomfret, Portland, Prospect, Roxbury, Salem, Salisbury, Saybrook, Sharon, Sherman, Simsbury, Somers, Southbury, South Windsor, Sprague, Sterling, Stratford, Suffield, Thomaston, Thompson, Tolland, Trumbull, Union, Vernon, Voluntown, Waterford, Westbrook, West Hartford, Willington, Winchester, Windham, Windsor, Winsted (borough), Wolcott, Woodbridge, Woodstock.—Total, 91.

*Two delayed certificates for July have been received since the publication of the last Bulletin.

†Of the sixty-one cases in New Haven fifteen were in the New Haven hospitals from other towns, and probably had been reported to the Health Officers of the towns from which they were brought.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Scarlet Fever.—Woodbury, 1.
Cerebro-Spinal Fever.—Hamden, 1.
Diphtheria and Croup.—Warren, 1; Wilton, 1.
Whooping Cough.—Ridgefield, 1; Windsor Locks, 1.
Typhoid Fever.—Lebanon, 1; North Canaan, 1.
Consumption.—Berlin, 1; Bethel, 1; Canton, 1; Chatham, 1; Colchester, 1; Lisbon, 1; New Hartford, 1; Newtown, 1; Plainfield, 1; Portland, 1; Southbury, 2; Suffield, 1; Woodstock, 1.—Total, 14.

All the Health Officers of New Haven and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

Hartford Co.—Avon, Manchester.
New London Co.—Groton, Norwich, Stonington (borough).
Fairfield Co.—Newtown.
Windham Co.—Canterbury.
Litchfield Co.—Colebrook, Washington, Woodbury.
Middlesex Co.—Clinton, Essex, Middlefield.

TYPHOID FEVER.

An unusual prevalence of typhoid fever has existed during August; 259 cases were reported as against 173 in August of last year. These were widely scattered through the State, being reported from 50 different towns. The disease appeared in epidemic form most distinctly in West Haven and the New Haven almshouse. In West Haven there were 25 cases much scattered through the borough. The epidemic character was evident in the suddenness and limited period of the outbreaks. In the New Haven almshouse 14 cases occurred in quick succession. In both places new cases have nearly or quite ceased. The local Health Officers have not yet reported the results of their investigations.

RECENT LEGISLATION.

The last General Assembly made some amendments to the former laws and enacted some new ones of much importance, with all of which both Health Officers and Registrars should make themselves familiar, as they have very direct bearing upon their official duties.

The most important new legislation on public hygiene will be found in the Public Acts of 1905, as follows:

Chap. 11. Relating to legible Certificates and Transcripts.
Chap. 13. Relating to Bake Shops.
Chap. 14. Relating to new forms of Certificates.
Chap. 15. Relating to the appointment of Health Officers.
Chap. 16. Relating to the use of Black Ink.
Chap. 21. Relating to the synonyms of Heart failure.
Chap. 38. Relating to Pollution of Water.
Chap. 75. Relating to the sale of Poisons.
Chap. 115. Relating to the employment and to the instruction of Children.
Chap. 120. Relating to the registration of Nurses.
Chap. 127. Relating to the sale of Cocaine.
Chap. 131. Relating to the sale of Diseased Flesh.
Chap. 153. Relating to the Births, Marriages and Deaths of residents of other towns.
Chap. 162. Relating to a Bacteriological Laboratory.
Chap. 164. Relating to Glandered Horses.
Chap. 167. Relating to the commission of Abortion.
Chap. 178. Relating to Tenement Houses.
Chap. 183. Relating to the Practice of Veterinary Medicine.
Chap. 201. Relating to the moving of Fertilizers.
Chap. 257. Relating to Glandered Horses.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and Superintendent of Vital Statistics.

New Haven, September 15, 1905.

METEOROLOGICAL REPORT FOR THE MONTH OF AUGUST, 1905.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date	Barometer.† 8 A.M.	Barometer.† 8 P.M.	Temperature.‡ 8 A.M.	Temperature.‡ 8 P.M.	Temperature.‡ Daily Mean of Max. and Min.	Temperature.‡ Maximum.	Temperature.‡ Minimum.	Temperature.‡ Range.	Relative Humidity.‖ 8 A.M.	Relative Humidity.‖ 8 P.M.	Wind. 8 A.M. Direction from	Wind. 8 A.M. Vel. in m. per h.	Wind. 8 P.M. Direction from	Wind. 8 P.M. Vel. in m. per h.	Wind. Daily Movement.	Wind. Max. velocity for a single Mile.	Precipitation.* Am't inc. melted snow Inches and 100ths.	Character of Weather. 8 A.M.	Character of Weather. 8 P.M.	Character of Day.
1	29.82	39.88	60	67	66	73	60	13	86	75	N	11	N E	2	226	19	.02	Cloudy	Clear	Cloudy
2	29.97	29.96	66	71	67	78	56	22	75	56	N W	7	W	7	186	17	.0	Clear	Clear	Clear
3	30.03	30.01	67	71	70	80	59	21	69	66	N W	7	S W	7	157	12	.0	Clear	Clear	Clear
4	30.06	30.03	69	72	68	79	58	21	81	84	S	3	S	7	145	12	.0	Cloudy	Clear	Partly Cl'dy
5	30.07	30.00	72	72	76	83	69	14	93	75	S	8	S E	9	177	14	.0	Cloudy	Clear	Clear
6	29.94	29.85	69	73	71	77	65	12	85	86	W	4	S E	5	139	13	T	Partly Cl'dy	Cloudy	Partly Cl'dy
7	29.86	29.91	72	76	76	86	67	19	86	66	N W	5	N W	7	130	12	.0	Partly Cl'dy	Clear	Partly Cl'dy
8	29.99	30.02	70	74	72	79	66	13	86	91	N E	3	S	10	118	15	T	Cloudy	Cloudy	Cloudy
9	30.09	30.08	74	71	72	75	70	5	93	90	S	4	S W	33	140	13	.23	Cloudy	Light Rain	Cloudy
10	30.13	30.17	74	74	76	81	70	11	91	95	S W	6	S W	10	230	21	T	Partly Cl'dy	Cloudy	Cloudy
11	30.16	30.11	76	76	80	86	73	13	92	82	S W	11	S W	3	299	25	T	Cloudy	Clear	Partly Cl'dy
12	30.05	29.90	75	74	78	82	73	9	91	93	S W	12	S	3	214	25	.09	Cloudy	Cloudy	Cloudy
13	29.92	29.98	73	71	76	85	67	18	93	94	S W	3	S E	10	138	24	2.22	Cloudy	Light Rain	Cloudy
14	30 11	30.05	65	68	68	74	61	13	63	68	N E	11	E	4	229	15	.0	Clear	Cloudy	Clear
15	29 87	29.75	62	56	60	64	56	8	89	94	N E	9	N E	12	275	21	1.51	Light Rain	Sprinkling	Cloudy
16	29.70	29.97	55	58	56	58	54	4	96	88	N	16	N	9	301	24	.57	Cloudy	Clear	Cloudy
17	30.13	30.17	60	67	61	72	50	22	73	62	N	5	S W	4	153	12	.0	Clear	Clear	Clear
18	30.25	30.23	61	64	63	73	53	20	76	69	N	9	S E	6	171	16	.0	Clear	Clear	Clear
19	30.19	30.08	60	63	60	70	50	20	78	75	N E	6	E	10	210	18	.0	Clear	Partly Cl'dy	Clear
20	30.03	29.99	59	68	62	71	52	19	74	80	N E	4	S	5	175	13	T	Clear	Threatening	Partly Cl'dy
21	30.07	30.02	68	71	70	81	59	22	83	83	N E	2	S W	9	143	12	.0	Clear	Clear	Clear
22	30.03	29.95	72	74	76	86	65	21	86	84	S W	9	S W	7	200	23	.0	Clear	Clear	Clear
23	30.01	30.04	75	74	75	85	65	20	64	57	N W	9	N W	5	135	14	.0	Clear	Clear	Clear
24	30.02	30.00	70	68	71	82	60	22	86	90	S W	4	S	6	139	31	1.47	Clear	Light Rain	Partly Cl'dy
25	30.03	30.04	62	64	66	70	61	9	97	87	N	13	N E	10	200	17	.04	Light Rain	Cloudy	Cloudy
26	30.00	29 97	60	68	66	75	58	17	81	58	N	12	N E	2	211	18	.0	Partly Cl'dy	Clear	Partly Cl'dy
27	30.03	30.15	58	58	61	68	54	14	82	88	N	12	N	6	236	24	.01	Cloudy	Clear	Partly Cl'dy
28	30.18	30.07	59	65	60	71	50	21	70	62	N E	5	S W	11	204	17	T	Clear	Cloudy	Partly Cl'dy
29	29.88	29.87	63	68	70	79	60	19	78	66	W	9	W	5	238	20	.0	Clear	Clear	Partly Cl'dy
30	29.75	29.63	67	65	65	68	62	6	90	90	S W	12	S W	9	193	24	.43	Cloudy	Clear	Cloudy
31	29.66	29.96	69	65	67	75	59	16	79	80	N W	7	N E	3	186	21	.01	Clear	Clear	Partly Cl'dy
Month Ave's.	30.00	30.00	66	69	68	76	61	16	83	78	N	8	S W	7	126	18	7.20			

SUMMARY.

Barometer.

Monthly Mean, 30.00 inches.

Highest, 30.25 in.; Date, 18.

Lowest, 29.63 in.; Date, 30.

Monthly range, .62 inches.

Temperature.

Monthly Mean, 68 degrees.
Highest, 86 degrees; Date, 22.
Lowest, 50 degrees; Date, 17.
Absolute range, 36 degrees.
Greatest daily range, 22 degrees; Date, 17.
Least daily range, 4 deg.; Date, 16.
Mean daily range, 16 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 213 degrees.

Wind.

Prevailing direction, N.
Mean hourly velocity, 8 miles.
Max. velocity and direction, 31 N.; Date, 24.
Total monthly movement, 5,898 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 17.
*Greatest 24 hour precipitation. (in. and 100ths), 2.22; 13.
Total monthly precipitation, (in. and 100ths), 7.20 in.
Total depth of snowfall (in.), 0.
Dates of thunder storms, 12, 13, 15, 24, 25.
Accumulated deficiency of precipitation since Jan. 1st, 2.08 inches.

Compar. Temp. (Mon. Mean.)

1873---69 deg.	1890---69 deg.
1874---68 "	1891---71 "
1875---71 "	1892---71 "
1876---72 "	1893---71 "
1877---73 "	1894---69 "
1878---71 "	1895---71 "
1879---68 "	1896---71 "
1880---70 "	1897---69 "
1881---72 "	1898---72 "
1882---70 "	1899---70 "
1883---68 "	1900---73 "
1884---70 "	1901---72 "
1885---69 "	1902---69 "
1886---69 "	1903---65 "
1887---68 "	1904---69 "
1888---70 "	1905---68 "
1889---68 "	

Com. Rainfall. (Inches and 100ths.)

1873---2.12	1890---5.38
1874---4.07	1891---3.96
1875---2.10	1892---1.54
1876---5.34	1893---2.24
1877---1.13	1894---4.63
1878---7.57	1895---2.51
1879---2.13	1896---3.42
1880---3.73	1897---2.42
1881---1.45	1898---2.30
1882---13.43	1899---3.33
1883---2.43	1900---2.10
1884---1.41	1901---5.70
1885---0.77	1902---5.84
1886---2.35	1903---2.20
1887---2.21	1904---4.96
1888---7.68	1905---7.20
1889---4.98	

Monthly mean humidity, 81 per cent. Monthly mean dew point, 61. Number of clear days, 10. Number of fair days, 11. Number of cloudy days, 10.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 116 feet. Elevation of rain and snow gauges, 111 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIX. NO. 9

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, LL.D., NEW HAVEN, PRES.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. McKENZIE, CIVIL ENG., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.
LEWIS SPERRY, ATT'Y AT LAW, HARTFORD.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF SEPTEMBER, 1905

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of September, 1905, and a Statement of the Births and Marriages for the Month of August, 1905.

Total estimated population of the State is 989,570.

TOWNS.	Estimated Population.	Living Births in Aug.	Still Births in Aug.	Marriages in Aug.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,850	30	----	5	16	13.8	7	4	68.8	----	----	----	----	1	2	----	----	2	----	----	2	1	1	----	----	----	----	----	7
Branford,	6,339	21	----	3	8	15.1	4	----	50.0	----	----	----	----	----	1	----	----	----	----	----	1	----	2	1	----	----	----	----	3
Bridgeport,	82,061	186	6	53	114	16.2	27	7	29.8	----	1	----	1	1	3	----	----	----	----	----	14	3	15	3	3	14	11	5	40
Bristol,	10,773	20	3	8	9	10.0	4	3	77.7	----	----	----	----	----	----	----	----	----	----	----	6	----	1	----	----	----	----	----	2
Danbury,	19,475	29	1	7	31	18.4	----	1	3.2	----	----	----	----	2	1	----	----	----	1	----	----	2	4	1	----	4	5	1	10
Derby,	8,910	20	----	2	9	9.4	1	2	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	1	4	2
East Hartford,	7,381	14	1	2	1	1.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----
Enfield,	6,449	13	----	10	10	18.6	3	1	40.0	----	----	----	----	----	----	----	----	1	----	----	1	----	----	1	----	1	1	2	3
Greenwich,	13,192	18	----	6	22	12.4	3	1	18.1	----	----	----	1	1	1	----	----	----	----	----	1	----	4	1	----	1	2	4	6
Groton,	6,173	8	1	4	11	21.3	4	----	36.3	----	----	----	----	----	----	----	----	----	----	----	2	----	1	----	----	1	1	1	5
Hartford,	93,160	178	9	70	108	12.3	23	6	27.9	----	----	----	----	2	1	----	----	4	----	----	8	----	11	5	----	9	9	15	44
Huntington,	6,355	13	----	1	4	7.6	1	1	50.0	----	----	----	----	----	1	----	----	----	----	----	1	----	----	----	----	----	----	1	1
Killingly,	6,739	12	2	4	4	7.1	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	1	----	----	----	2	----	9
Manchester,	11,790	26	1	14	13	13.2	2	----	15.3	----	----	----	----	----	----	----	----	----	----	----	----	1	3	----	----	7	3	----	16
Meriden,	30,331	62	2	10	35	13.4	5	1	17.1	----	----	----	----	----	1	1	----	1	1	----	1	1	3	----	----	7	3	----	16
Middletown,	18,626	33	----	14	31	12.9	5	3	25.8	----	----	----	----	----	----	1	----	----	----	----	----	----	4	2	----	11	2	1	10
Naugatuck,	12,702	40	----	4	10	9.4	2	1	30.0	----	----	----	----	----	----	----	----	----	----	----	1	----	3	----	----	2	1	----	3
New Britain,	32,799	102	2	38	35	12.4	15	2	48.6	----	----	----	----	----	----	----	----	2	----	----	6	----	2	----	2	6	3	1	13
New Haven,	119,018	253	10	86	146	14.0	34	12	31.5	----	----	----	----	4	1	1	----	12	1	----	15	2	9	6	9	10	18	6	52
New London,	19,443	48	----	23	18	11.1	3	1	22.2	----	----	----	----	----	----	----	----	----	----	----	2	----	1	2	----	2	3	2	6
New Milford,	5,247	6	----	1	5	11.4	----	2	40.0	----	----	----	----	----	3	----	----	----	----	----	----	----	1	----	----	1	----	----	1
Norwalk,	21,024	32	2	10	30	15.9	9	----	30.0	----	----	----	----	----	----	----	----	----	----	----	3	----	4	1	----	3	2	1	16
Norwich,	25,506	53	2	14	22	9.4	5	1	27.2	----	----	----	----	----	----	----	----	----	1	----	1	2	5	----	----	2	2	3	6
Orange,	8,225	10	----	1	15	21.9	3	1	26.7	----	----	----	----	----	----	----	----	----	1	----	----	----	1	1	1	2	----	2	7
Putnam,	7,766	11	1	5	15	23.1	3	----	20.0	----	----	----	----	1	----	1	----	1	----	----	1	----	----	----	----	1	1	3	6
Southington,	6,084	11	----	2	4	7.9	1	----	25.0	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	1	----	----	2
Stamford,	20,408	35	4	5	37	21.1	4	2	16.2	----	----	----	----	----	----	----	----	4	----	----	----	1	5	1	1	4	1	----	20
Stonington,	9,218	23	----	5	20	10.4	8	----	40.0	----	----	----	1	----	----	----	----	----	----	----	5	1	----	----	2	2	3	1	5
Thompson,	6,873	15	----	1	5	8.7	3	----	60.0	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	----	----	3
Torrington,	15,655	29	----	3	10	12.2	5	1	37.5	----	----	----	----	----	----	----	----	1	----	----	1	----	2	----	----	2	----	2	8
Vernon,	8,321	19	----	5	5	7.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	----	----	----	----	2
Wallingford,	10,209	19	1	1	9	10.6	4	----	44.4	----	----	----	----	----	----	----	----	----	----	----	2	----	2	1	----	1	----	----	3
Waterbury,	60,107	166	4	45	74	14.6	17	8	33.8	----	----	1	1	1	3	----	----	3	----	----	6	1	7	1	1	6	7	5	31
Winchester,	8,553	16	----	6	9	11.2	1	1	22.2	----	----	----	1	----	----	----	----	----	----	----	1	----	1	----	----	1	1	----	4
Windham,	10,189	16	----	6	15	17.6	5	2	46.6	----	----	----	----	----	1	----	----	----	----	----	4	----	3	----	1	----	1	----	4
Total of the 35 above towns,	748,951	1587	52	474	916	14.7	211	64	30.0	----	1	1	5	13	19	4	----	32	5	----	86	18	94	28	21	96	79	62	352
130 towns of less than 5,000 inhabitants,	236,882	390	20	94	279	14.1	55	14	24.7	----	----	----	----	----	----	1	----	3	1	----	30	16	17	7	2	42	30	28	102
Total reported from 165 towns,	985,833	1977	72	568	1195	14.5	266	78	28.8	----	1	1	5	13	19	5	----	35	6	----	116	34	111	35	23	138	109	90	454
Population of towns not reporting,	5,737																												

The Mortality in Public Institutions of the State was: in Bridgeport, 13; in Danbury, 3; in Hartford, 42; in Meriden, 3; in Middletown, 11; in New Britain, 4; in New Haven, 29; in Norwalk, 4; in Norwich, 4; in Putnam, 1; in Stamford, 3; in Waterbury, 9; and in Winchester, 2. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in September: Andover, Beacon Falls, Berlin, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Colebrook, Columbia, Eastford, Easton, Haddam, Killingworth, Ledyard, Marlborough, Middlebury, Middlefield, New Fairfield, North Haven, Redding, Rocky Hill, Scotland, Sherman, Tolland, Trumbull, Washington.—Total, 29.

The Registrars of the following towns have made no report for September: East Granby, South Windsor, Westbrook — Total, 3.

REMARKS.

By mortality reports received there were 1195 deaths during the month of September. This was 222 less than in August, and 26 more than in September of last year, and 5 less than the average number of death during September for the five years preceding.

	1905	1904	1903	1902	1901	1900
January,	1412	1440	1420	1172	1439	1367
February,	1368	1387	1303	1124	1381	1261
March,	1577	1525	1421	1239	1441	1691
Total 1st quarter,	4357	4352	4144	3535	4261	4319
April,	1329	1377	1245	1191	1253	1678
May,	1199	1317	1265	1100	1056	1230
June,	1289	1129	1163	1061	1022	1121
Total 2d quarter,	3817	3823	3673	3352	3331	4029
July,	1650	1409	1414	1394	1297	1583
*August,	1417	1362	1404	1348	1310	1642
September,	1195	1169	1160	1166	1235	1270
Total 3d quarter,	4262	3940	3978	3908	3842	4495

The death rate was 14.7 for the large towns, for the small towns 14.1, and for the whole State 14.5.

The deaths reported from infectious diseases were 196, being 16.4 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—Bridgeport, 2; Danbury (city), 1; Groton (borough), 1; Haddam, 3; Hartford, 1; Litchfield (town and borough), 5+; New Haven, 1; Putnam, 1; Southington, 1; Thomaston, 11.—Total, 27+ in 10 towns.

Scarlet Fever.—Ansonia, 1; Bridgeport, 11; Bristol, 1; Cromwell, 4; East Hartford, 1; Enfield, 1; Farmington, 1; Glastonbury, 2; Groton, 1; Hamden, 1; Hartford, 6; Manchester, 8; Meriden (city), 1; New Britain (city), 6; New Hartford, 1; New Haven, 11; Newington, 8; Norwalk, 1; Norwich (city), 1; Redding, 1; Seymour, 1; Shelton (borough), 2; Southington, 1; South Norwalk (city), 1; Stafford Springs (borough), 2; Stamford (city), 6; Stonington, 1; Stratford, 1; Thompson, 1; Wallingford, 2; Waterbury, 1; Westport, 1.—Total, 88 in 32 towns.

Cerebro-Spinal Fever.—Bridgeport, 1; Hartford, 2; New Haven, 2.—Total, 5 in 3 towns.

Diphtheria and Croup.—Ansonia, 4; Bridgeport, 21; Colchester, 1; Danbury, 1; Farmington, 1; Greenwich (town and borough), 9; Groton (borough), 1; Hamden, 1; Hartford, 15; Huntington, 2; Meriden (city), 4; Milford, 1; New Britain (city), 3; New Haven, 2; New London, 1; New Milford, 5; Norwalk, 1; Norwich (city), 1; Preston, 1; Rockville (city), 2; Stratford, 1; Trumbull, 1; Union, 1; Warren, 2; Waterbury, 8; Willimantic (city), 2.—Total, 92 in 26 towns.

Whooping Cough.—Groton, 1; Manchester, 2; Middletown (city), 3; New Britain (city), 1; Plymouth, 1; Seymour, 2; Southbury, 1; Stamford (city), 1; Wethersfield, 10; Woodstock 3.—Total, 25 in 10 towns.

Typhoid Fever.—Ansonia, 6; Ashford, 1; Avon, 1; Bethlehem, 1; Bridgeport, 9; Bristol, 2; Canton, 1; Chaplin, 1; Colebrook, 3; Cornwall, 1; Danbury (city), 1; Darien, 1; Derby, 3; East Hartford, 4; East Windsor, 2; Enfield, 7; Greenwich (town and borough), 2; Groton (borough), 1; Haddam, 3; Hamden, 8; Hampton, 2; Hartford, 64; Harwinton, 1; Jewett City (borough), 1; Killingly, 1; Litchfield (town and borough), 2; Manchester 16; Mansfield, 3; Meriden (city), 4; Montville, 1; New Britain (city), 13; New Haven, 60; Newington, 1; New Milford, 1; Norwalk (city), 1; Norwich (city), 2; Oxford, 1; Plymouth, 3; Putnam, 4; Redding, 2; Rockville (city), 4; Salisbury, 1; Seymour, 3; Shelton (borough), 3; Southbury, 6; South Norwalk (city), 1; South Windsor, 2; Stafford Springs (borough), 5; Stamford (city), 8; Suffield, 3; Torrington (town and borough), 3; Waterbury, 23; Watertown, 3; West Hartford, 1; West Haven (borough), 3; Wethersfield, 1; Winsted (borough), 3; Woodstock, 2.—Total 316 in 58 towns.

Consumption.—Bridgeport, 7; Brooklyn, 1; Cornwall, 1; Hartford, 4; Meriden (city), 1; Middletown (city), 2; New Britain (city), 1; North Haven, 1; Norwalk (city), 2; South Norwalk (city), 2; Waterbury, 14.—Total, 36 in 11 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Barkhamstead, Berlin, Bethany, Bethel, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Burlington, Canaan, Canterbury, Chatham, Cheshire, Chester, Clinton, Columbia, Danielson (borough), Durham, Eastford, East Haddam, East Haven, East Lyme, Easton, Essex, Fairfield, Franklin, Goshen, Granby, Griswold, Guilford, Hartland, Hebron, Kent, Killingworth, Lebanon, Ledyard, Madison, Marlborough, Meriden, Middlebury, Middletown, Monroe, Morris, New Britain, New Canaan (town and borough), New Fairfield, Newtown, Norfolk, North Canaan, Old Lyme, Old Saybrook, Orange, Plainfield, Plainville, Pomfret, Portland, Prospect, Rocky Hill, Roxbury, Salem, Saybrook, Scotland, Sharon, Sherman, Simsbury, Somers, Sprague, Stafford, Stamford, Sterling, Tolland, Vernon, Voluntown, Westbrook, Weston, Willington, Wilton, Winchester, Windham, Windsor, Windsor Locks, Wolcott, Woodbridge.—Total, 85.

*Eight delayed certificates for August have been received since the publication of the last Bulletin.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Whooping Cough.—Plymouth, 1.

Typhoid Fever.—Hamden, 1; Hampton, 1; Watertown, 1.—Total, 3.

Consumption.—Bethel, 1; Brooklyn, 1; Cornwall, 1; Coventry, 1; Darien, 1; Kent, 1; Lebanon, 1; Milford, 1; New Canaan, 1; Old Saybrook, 1; Plainfield, 1; Stafford, 1; Watertown, 1; West Hartford, 2; Windsor Locks, 1; Woodstock, 1.—Total, 17.

All the Health Officers of Windham County have reported, but the Health Officers of the following Towns have not reported:

Hartford Co.—East Granby.

New Haven Co.—Beacon Falls, Branford (town and borough), Naugatuck, North Branford.

New London Co.—Lisbon, Lyme, North Stonington, Norwich, Stonington (borough).

Fairfield Co.—Ridgefield (town and borough).

Litchfield Co.—Washington, Woodbury.

Middlesex Co.—Middlefield.

Tolland Co.—Coventry, Ellington.

TYPHOID FEVER.

The unusual prevalence of typhoid fever during the last two months is not peculiar to Connecticut. It has long been observed that this disease is always more prevalent during the months of August, September and October than in any other months. The exceptions to this rule are all local and do not affect the general statement as applied to a wide extent of country that typhoid is *always* most prevalent in the months mentioned. No month, however, is wholly exempt. The epidemic in Bristol occurred in April, 1900; one in New Haven in March and April of 1901; a grievous one in Stamford in 1895 happened in April and May. Those were exceptions to the rule and due to local and temporary causes. They do not annul the general rule as to autumnal visitations of typhoid.

Why is this annual pestilential affliction? The origin of extensive epidemics can frequently be discovered and traced to infected water or milk. To milk, because of the intimate relation of water to the milk traffic. But the present widespread prevalence of typhoid is sporadic in character and not epidemic. Public water and milk supplies are not often found guilty. In August typhoid fever was reported from 51 towns in Connecticut and in September from 58 towns. The conditions promoting it, therefore, must prevail widely and uniformly, and quite independent of the usual vehicles of infection, water and milk. Soil conditions are too variable in the many localities where it is present to give a common cause. Climatic influences offer no solution of the problem.

The disease is infectious and it is communicable. It is strictly a human disease. The lower animals are not subject to it. It is very plain then that some factor, or agency, or carrier of infection, which is widely present over a great extent of territory, exists. This influence, whatever it be, is most active every year in the months of August, September and October. What is there that so accurately corresponds to the situation as the common house fly and the open privy vault? Is there any significance in the fact that flytime and fever are coincident?

The Committee appointed by government to investigate the causes of typhoid in the American-Spanish war, established the fact that typhoid can spread without the agency of water or milk, and convicted flies of being frequent and competent carriers of the infection. In those months the house fly is ubiquitous and so is the open privy in the country, where most cases of typhoid arise. The house fly banquets alternately and seemingly with equal relish upon human excrement and upon the viands of the dining room and the kitchen. The fly uses our food supplies as more welcome guests use the door mat. And the habits of insect life contribute other matter not esteemed as a condiment, and not prized as a decoration, to furniture.

Probably there is no more promising field for successful work to lessen typhoid fever, than such as will exclude flies from access to human excremental deposits, which are the original source of infection.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, October 15, 1905.

METEOROLOGICAL REPORT FOR THE MONTH OF SEPTEMBER, 1905.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.05	30.07	64	66	64	71	58	13	84	89	S W	2	S E	3	134	15	T	Cloudy	Partly Cl'dy	Cloudy
2	30.12	30.12	63	66	64	68	59	9	89	92	N E	6	S E	8	184	12	.27	Cloudy	Light Rain	Cloudy
3	30.05	30.02	68	70	68	70	65	5	97	99	S E	22	S	11	410	34	1.37	Light Rain	Threatening	Cloudy
4	29.97	29.92	69	69	70	72	68	4	100	96	S	10	S	4	165	19	.86	Light Rain	Partly Cl'dy	Cloudy
5	29.96	29.96	66	67	69	76	62	14	80	73	N W	3	W	9	169	16	.0	Clear	Clear	Clear
6	29.97	29.98	62	64	66	74	57	17	76	81	W	3	W	2	161	16	T	Partly Cl'dy	Clear	Partly Cl'dy
7	30.01	30.02	63	64	64	74	55	19	69	87	N W	7	N	9	178	14	.01	Clear	Sprinkling	Partly Cl'dy
8	30.09	30.19	61	64	67	75	59	16	73	71	N	14	W	4	189	17	.0	Partly Cl'dy	Clear	Partly Cl'dy
9	30.24	30.23	61	68	65	78	52	26	73	67	N	5	S W	2	126	10	.0	Clear	Clear	Clear
10	30.24	30.16	63	68	67	80	54	26	70	78	N E	2	S W	6	140	14	.0	Clear	Partly Cl'dy	Clear
11	30.12	30.06	66	62	66	70	61	9	82	76	S	6	S E	20	126	24	.20	Cloudy	Light Rain	Cloudy
12	29.88	29.85	66	69	67	73	61	12	100	97	S	24	W	3	320	33	1.19	Light Rain	Cloudy	Cloudy
13	29 89	30.03	66	62	65	77	53	24	84	80	N	6	N W	20	244	27	T	Partly Cl'dy	Clear	Partly Cl'dy
14	30.31	30.33	50	54	54	64	45	19	52	75	N E	13	N W	4	193	23	.0	Clear	Clear	Clear
15	30.39	30.35	48	59	53	64	42	22	76	64	N E	9	S E	13	253	17	.0	Clear	Cloudy	Partly Cl'dy
16	30.25	30.20	63	66	63	68	58	10	87	87	S	8	S E	8	214	15	.04	Cloudy	Cloudy	Cloudy
17	30.23	30.18	65	64	68	71	64	7	85	92	S E	8	E	5	191	15	.03	Cloudy	Sprinkling	Cloudy
18	30.14	30.08	66	68	66	69	63	6	95	100	S E	10	N E	8	185	14	.76	Cloudy	Light Rain	Cloudy
19	30.07	30.04	63	70	68	73	63	10	96	90	N	9	E	4	164	12	.23	Cloudy	Cloudy	Cloudy
20	30.00	29.95	66	67	66	70	63	7	94	84	S	12	N	8	171	12	.11	Cloudy	Cloudy	Cloudy
21	30.02	29.92	60	66	65	73	57	16	83	85	N W	6	S W	10	175	14	.0	Cloudy	Clear	Partly Cl'dy
22	29.90	29.81	62	70	68	80	57	23	74	68	W	4	W	6	165	14	.0	Clear	Clear	Clear
23	29.87	29.99	64	60	64	72	55	17	70	64	N W	3	N W	10	213	24	.0	Clear	Clear	Clear
24	30.07	29.84	55	60	57	66	48	18	73	68	N W	6	S W	6	197	20	.0	Clear	Clear	Clear
25	29.87	30.02	55	51	54	62	45	17	62	60	N W	20	N W	10	280	25	.0	Clear	Clear	Clear
26	30.12	30.10	45	50	49	58	40	18	61	61	N W	12	N E	4	247	24	.0	Clear	Clear	Clear
27	30.09	29.98	46	56	50	64	37	27	72	76	N W	2	N	4	132	14	.0	Clear	Clear	Partly Cl'dy
28	30.04	29.94	54	68	64	78	50	28	69	64	W	4	N E	6	165	18	.0	Clear	Clear	Clear
29	30.13	30.09	63	66	66	77	55	22	77	75	N E	4	S W	6	167	16	.0	Clear	Clear	Clear
30	30.13	29.99	56	73	70	85	56	29	97	75	N E	7	W	7	151	12	.0	Cloudy	Clear	Partly Cl'dy
31																				
Month Ave's.	30.07	30.05	61	66	64	72	55	16	80	79	N W	8	W	7	198	18	5.07			

SUMMARY.

BAROMETER.

Monthly Mean, 30.06 inches.

Highest, 30.39 in.; Date, 15.

Lowest, 29.81 in.; Date, 22.

Monthly range, .58 inches.

TEMPERATURE.

Monthly Mean, 64 degrees.
Highest, 85 degrees; Date, 30.
Lowest, 37 degrees; Date, 27.
Absolute range, 48 degrees.
Greatest daily range, 29 degrees; Date, 30.
Least daily range, 4 deg.; Date, 4.
Mean daily range, 16 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 2.11 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 8 miles.
Max. velocity and direction, 34 S. E.; Date, 3.
Total monthly movement, 5,944 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 14.
*Greatest 24 hour precipitation, (in. and 100ths), 1.65; Date, 3 & 4.
Total monthly precipitation, (in. and 100ths), 5.07 in.
Total depth of snowfall (in.), 0.
Dates of thunder storms, 3.
Accumulated deficiency of precipitation since Jan. 1st, 1.74 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---62 deg.		1890---63 deg.	
1874---64	"	1891---66	"
1875---61	"	1892---62	"
1876---61	"	1893---60	"
1877---65	"	1894---66	"
1878---65	"	1895---66	"
1879---60	"	1896---63	"
1880---64	"	1897---63	"
1881---70	"	1898---67	"
1882---65	"	1899---62	"
1883---61	"	1900---67	"
1884---67	"	1901---64	"
1885---62	"	1902---63	"
1886---64	"	1903---63	"
1887---59	"	1904---62	"
1888---61	"	1905---64	"
1889---63	"		

COM. RAINFALL. (Inches and 100ths.)

1873---2.12	1890---5.38
1874---4.07	1891---3.96
1875---2.10	1892---1.54
1876---5.34	1893---2.24
1877---1.13	1894---4.63
1878---7.67	1895---2.51
1879---2.13	1896---3.42
1880---3.73	1897---2.42
1881---1.45	1898---2.30
1882---13.43	1899---3.33
1883---2.43	1900---2.10
1884---1.41	1901---5.70
1885---0.77	1902---5.84
1886---2.35	1903---2.20
1887---2.21	1904---4.96
1888---7.68	1905---5.07
1889---4.98	

Monthly mean humidity, 80 per cent. Monthly mean dew point, 56. Number of clear days, 11. Number of fair days, 8. Number of cloudy days, 11.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 116 feet. Elevation of rain and snow gauges, 111 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIX. NO. 10.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, LL.D., NEW HAVEN, PRES.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. MCKENZIE, CIVIL ENG., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.
LEWIS SPERRY, ATT'Y AT LAW, HARTFORD.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF OCTOBER, 1905

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of October, 1905, and a Statement of the Births and Marriages for the Month of September, 1905.

Total estimated population of the State is 989,570.

TOWNS.	Estimated Population.	Living Births in Sept.	Still Births in Sept.	Marriages in Sept.	Total Deaths	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,850	38	----	3	17	14.7	4	2	35.2	----	----	----	----	----	----	----	----	----	----	----	2	1	1	----	----	5	2	----	6
Branford,	6,339	9	1	----	10	18.9	2	1	30.0	----	----	----	----	----	----	----	----	----	----	----	4	1	----	----	----	3	2	----	----
Bridgeport,	82,061	171	7	68	88	12.5	15	2	19.3	----	1	----	----	----	1	----	----	2	----	----	5	----	16	8	----	5	11	10	29
Bristol,	10,773	17	1	7	9	10.0	2	----	22 2	----	----	----	----	1	----	----	----	----	1	----	----	----	----	3	----	1	----	1	2
Danbury,	19,475	35	1	15	21	12.9	5	----	23.8	----	----	----	----	----	----	1	----	----	----	----	----	----	1	----	1	6	4	2	6
Derby,	8,910	27	1	12	10	13.4	4	----	40.0	----	----	----	----	----	----	----	1	----	----	----	1	----	2	1	----	1	1	1	2
East Hartford,	7,381	24	1	4	6	9.7	2	1	50.0	----	----	----	1	----	----	----	----	1	----	----	1	----	----	----	----	----	----	1	2
Enfield,	6,449	17	1	12	14	26.0	4	1	35.7	----	----	----	----	----	----	----	----	2	----	----	1	----	1	----	----	3	1	----	6
Greenwich,	13,192	20	----	8	21	19.1	4	2	28.5	----	----	----	----	----	----	----	----	1	----	----	2	----	----	1	1	5	----	2	9
Groton,	6,173	13	----	4	6	11.6	2	----	33.3	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	2	----	----	3
Hartford,	93,160	159	5	67	109	12.3	20	10	27 5	----	----	----	----	----	5	----	1	1	----	----	6	1	10	6	2	10	14	11	42
Huntington,	6,355	10	----	3	5	9.4	1	----	20.0	----	----	----	----	----	1	----	----	----	----	----	1	----	----	----	----	1	1	----	1
Killingly,	6,739	12	----	3	7	12.4	2	1	42.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	5
Manchester,	11,790	27	2	10	12	12.2	2	----	16.6	----	----	----	1	----	----	----	----	----	----	----	1	----	3	----	----	1	1	1	4
Meriden,	30,331	60	4	23	32	12.6	9	1	31.2	----	----	----	----	----	1	1	----	----	1	----	1	----	4	1	--	3	3	1	16
Middletown,	18,626	29	1	12	30	10.3	5	2	23.3	----	----	----	----	----	----	----	----	----	----	----	3	1	4	----	1	5	6	2	8
Naugatuck,	12,702	31	----	2	10	9.4	1	1	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	1	----	----	7
New Britain,	32,799	87	4	41	33	12.0	13	1	42.4	----	----	----	----	----	----	----	----	1	----	----	4	----	3	2	1	4	6	1	11
New Haven,	119,018	257	14	101	159	14.8	21	9	18.8	----	1	----	----	3	1	1	1	6	----	----	7	----	15	14	1	14	20	10	65
New London,	19,443	37	2	21	21	12.9	2	2	19 0	----	----	----	----	1	----	----	----	----	----	----	----	----	2	1	----	2	2	2	11
New Milford,	5,247	10	----	4	2	4.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1
Norwalk,	21,024	35	1	11	29	15.9	3	----	10 3	----	----	----	----	1	----	----	----	----	----	----	2	2	3	----	1	2	5	2	11
Norwich,	25,506	56	----	21	45	19.7	7	4	24 4	----	----	----	----	----	----	----	----	----	1	----	6	1	5	2	3	5	6	3	13
Orange,	8,225	13	----	5	13	18.9	1	1	15.3	----	----	----	----	----	----	----	----	----	----	----	1	----	1	3	----	1	----	2	5
Putnam,	7,766	7	---	6	9	13.9	2	----	22.2	----	1	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	----	6
Southington,	6,084	10	----	7	11	21.7	3	1	36.3	----	----	----	----	----	----	----	----	----	----	----	1	1	1	----	----	1	1	----	6
Stamford,	20,408	46	1	16	34	19.4	9	3	35.2	----	----	----	----	----	----	----	----	1	----	----	1	----	1	1	2	11	2	5	10
Stonington,	9,218	19	----	4	14	18.2	2	3	35.7	----	----	----	----	----	----	----	----	----	----	----	2	----	----	2	----	1	2	2	5
Thompson,	6,873	11	----	----	5	8.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	----	----	2
Torrington,	15,655	37	2	10	11	8.4	5	----	45.5	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	2	----	3	4
Vernon,	8,321	10	----	6	7	10.0	1	----	14.2	----	----	----	----	----	----	----	----	1	----	----	----	----	1	----	----	3	1	----	1
Wallingford,	10,209	20	1	6	8	9.4	2	----	25.0	----	----	----	----	----	----	----	----	----	----	----	2	----	1	1	----	2	----	1	1
Waterbury,	60,107	146	3	50	61	12.1	6	12	29.5	----	----	----	----	----	1	----	----	4	----	----	2	1	3	8	4	8	2	3	25
Winchester,	8,553	18	2	3	10	14.0	2	----	20.0	----	----	----	----	----	----	----	----	1	----	----	----	1	----	2	----	----	----	1	5
Windham,	10,189	25	----	15	14	16.4	6	1	50 0	----	----	----	----	----	----	----	----	----	----	----	4	----	----	1	1	3	1	----	4
Total of the 35 above towns,	748,951	1543	55	581	893	14.3	169	61	25.8	----	3	----	2	6	10	3	3	21	3	----	57	9	86	59	20	114	96	67	334
130 towns of less than 5,000 inhabitants,	236,415	372	8	129	273	13.9	41	10	18.7	----	----	----	3	1	1	----	1	7	5	----	9	7	15	15	4	40	32	16	116
Total reported from 165 towns,	985,366	1915	63	710	1166	14.1	210	71	24.0	----	3	---	5	7	11	3	4	28	8	----	66	16	101	74	24	154	128	83	450
Population of towns not reporting,	4,204																												

The Mortality in Public Institutions of the State was: in Bridgeport, 12; in Danbury, 3; in Hartford, 40; in Meriden, 3; in Middletown, 15; in New Britain, 2; in New Haven, 41; in New London, 2; in Norwalk, 3; in Norwich, 8; in Stamford, 3; and in Waterbury, 5. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in October: Andover, Avon, Bethlehem, Canaan, Cheshire, Clinton, Eastford, East Granby, East Haddam, Easton, Ellington, Franklin, Hartland, Kent, Lyme, Marlborough, Middlebury, Middlefield, Monroe, Newington, Old Saybrook, Oxford, Prospect, Salem, Scotland, Seymour, Sherman, Union, Warren, Willington, Wilton.—Total, 31.

The Registrars of the following towns have made no report for October: Killingworth, Redding, South Windsor.—Total, 3.

REMARKS.

By mortality reports received there were 1166 deaths during the month of October. This was 30 less than in September, and 1 less than in October of last year, and 28 more than the average number of deaths during October for the five years preceding.

	1905	1904	1903	1902	1901	1900
January,	1412	1440	1420	1172	1439	1367
February,	1368	1387	1303	1124	1381	1261
March,	1577	1525	1421	1239	1441	1691
Total 1st quarter,	4357	4352	4144	3535	4261	4319
April,	1329	1377	1245	1191	1253	1678
May,	1199	1317	1265	1100	1056	1230
June,	1289	1129	1163	1061	1022	1121
Total 2d quarter,	3817	3823	3673	3352	3331	4029
July,	1650	1409	1414	1394	1297	1583
August,	1417	1362	1404	1348	1310	1642
*September,	1196	1169	1160	1166	1235	1270
Total 3d quarter,	4263	3940	3978	3908	3842	4495
October,	1166	1167	1124	1133	1062	1208

The death rate was 14.3 for the large towns, for the small towns 13.9, and for the whole State 14.1.

The deaths reported from infectious diseases were 170, being 14.5 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—East Hartford, 1; Enfield, 1; Goshen, 1; Haddam, 19+; Hartford, 1; Litchfield, 40+; Meriden (city), 9; Middletown, 2; Naugatuck, 8; Putnam, 20; Thomaston, 40; Washington, 9; Waterbury, 6.—Total, 157+ in 13 towns.

Scarlet Fever.—Ansonia, 2; Beacon Falls, 4; Bethel, 1; Bridgeport, 8; Danbury (city), 3; Darien, 1; Derby, 1; Greenwich, 1; Groton, 2; Hartford, 9; Hebron, 1; Huntington, 1; Manchester 12; Meriden (city), 2; Middletown (city), 1; Naugatuck, 1; New Britain (city), 4; (town), 1; New Hartford, 1; New Haven, 19; Newington 1; Norwich (city), 1; Rockville (city), 1; Stamford (city), 3; Stonington, 3; Thompson, 6; Torrington, 1; Wallingford, 5; Waterbury, 5; West Hartford, 10; West Haven (borough). 1; Westport, 1.—Total, 114 in 32 towns.

Cerebro-Spinal Fever.—Brookfield, 1; Brooklyn, 1; New Haven, 2; Norwalk, 1.—Total, 5 in 4 towns.

Diphtheria and Croup.—Bethel, 1; Bridgeport, 29; Bristol, 1; Danbury (city), 1; Enfield, 1; Greenwich, 5; Hartford, 32; Huntington, 2; Meriden (city), 3; (town), 1; Naugatuck, 1; New Britain (city), 1; New Hartford, 2; New Haven, 11; New London 2; New Milford, 7; North Canaan, 1; North Haven, 1; Norwalk, 2; Plymouth, 1; Portland, 1; Stratford, 2; Thompson, 1; Torrington, 1; Union, 1; Waterbury, 3; Watertown, 1; Westport, 1; Windsor Locks, 2; Woodstock, 2.—Total, 120 in 29 towns.

Whooping Cough.—Chester, 2; Hartford, 1; New Britain (city). 2; Seymour, 2; Southbury, 1.—Total, 8 in 5 towns.

Typhoid Fever.—Ansonia, 1; Bethel, 1; Bridgeport, 4; Bristol, 1; Danbury (city), 3; Danbury (town), 1; Danielson (borough), 1; Derby, 1; East Hartford, 1; Farmington, 1; Glastonbury, 1; Groton (borough), 1; Haddam, 2; Hartford, 38; Hebron, 1; Huntington, 1; Jewett City (borough, 1; Meriden (city), 4; Middlebury, 1; Montville, 4; Naugatuck, 1; New Britain (city), 3; New Canaan (town and borough), 3; New Haven, 22; New Milford, 1; North Canaan, 2; Norwalk (city), 1; Norwalk (town), 1; Putnam, 1; Rockville (city), 2; Seymour, 1; Shelton (borough), 1; South Norwalk (city), 3; Stafford Springs (borough), 1; Stamford (city), 8; Stonington, 2; Torrington (town and borough), 2; Vernon, 1; Wallingford, 1; Waterbury, 14; Watertown, 3; West Hartford, 3; West Haven (borough) 2; Westport, 1; Wethersfield, 1; Willimantic (city), 5; Windsor, 3; Winsted (borough), 15; Woodstock, 2.—Total, 175 in 46 towns.

Consumption.—Bridgeport, 5; East Haven, 1; Fairfield, 1; Hartford, 4; Lyme, 1; Montville, 1; Naugatuck, 2; New Britain (city), 2; North Haven, 1; Norwalk (city), 1; Norwich (city), 2; Putnam, 2; Somers, 1; Southbury, 1; South Norwalk (city), 2; Waterbury, 4; Willimantic (city), 4.—Total, 35 in 16 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Barkhamsted, Berlin, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Branford (town and borough), Bridgewater, Burlington, Canaan, Canterbury, Canton, Chaplin, Chatham, Cheshire, Clinton, Colchester (town and borough), Colebrook, Columbia, Cornwall, Coventry, Durham, Eastford, East Granby, East Haddam, East Lyme, Easton, East Windsor, Ellington, Essex, Franklin, Granby, Griswold, Guilford, Hamden, Hampton, Harwinton, Kent, Killingworth, Lebanon, Ledyard, Lisbon, Madison, Mansfield, Marlborough, Milford, Monroe, Morris, Newtown, Norfolk, North Branford, North Stonington, Norwich, Old Lyme, Old Saybrook, Plainville, Pomfret, Preston, Prospect, Redding, Ridgefield (town and borough), Rocky Hill, Roxbury, Salem, Saybrook, Scotland, Sharon, Sherman, Simsbury, Southington, South Windsor, Sprague, Stafford, Stamford, Sterling, Suffield, Tolland, Trumbull, Voluntown, Warren, Waterford, Westbrook, Weston, Willington, Wilton, Windham, Wolcott, Woodbridge.—Total, 92.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

La Grippe.—East Haven, 1; Sprague, 1; Woodstock, 1.—Total, 3.

Cerebro-Spinal Fever.—Brooklyn, 1.

Diphtheria and Croup.—Woodstock, 1.

Typhoid Fever.—Hampton, 1; Montville, 1; New Fairfield, 1; Ridgefield, 1; Suffield, 1; Watertown, 1; Woodstock, 1.—Total. 7.

Consumption.—Bridgewater, 1; Chatham, 1; Cornwall, 1; East Haven, 1; Fairfield, 1; Madison, 1; Milford, 1; New Canaan, 1; Pomfret, 1; Rocky Hill, 1; Salisbury, 1; Simsbury, 1; Somers, 1; Suffield, 1; Thomaston, 1.—Total, 15.

All the Health Officers of Tolland County have reported, but the Health Officers of the following Towns have not reported:

Hartford Co.—Hartland.
New Haven Co.—Orange, Oxford.
New London Co.—Stonington (borough)
Fairfield Co.—New Fairfield.
Windham Co.—Killingly, Plainfield.
Litchfield Co.—Salisbury, Winchester, Woodbury.
Middlesex Co.—Cromwell, Middlefield.

THE THIRD SANITARY CONFERENCE OF ALL THE HEALTH OFFICERS OF THE STATE

will be held in New Haven in the Hall of the Chamber of Commerce, on Thursday and Friday, December 7 and 8, 1905. The first session will open in the evening at eight o'clock. The following topics will be presented for consideration:

Evening Session, 8 o'clock.

The Restriction of Contagious Diseases in Cities, by Charles V. Chapin, M.D., Superintendent of Health, Providence, R. I.

Sanatorium Work, by J. P. C. Foster, M.D., New Haven, a Director of Gaylord Farm Sanatorium.

Morning Session, December 8, 10 o'clock a. m.

Animals as Carriers of Human Diseases, by Prof. Wm. H. Brewer, LL.D., New Haven, President of the State Board of Health.

Dissemination of Tuberculosis as Affected by Railway Travel, by Chas. B. Dudley, Ph.D., Altoona, Penn., Chemist of the Pennsylvania R. R.

Forms of Food Adulteration and Their Relation to Public Health, by E. H. Jenkins, Ph.D., New Haven, Director of Agricultural Experiment Station.

Medical Inspection of Schools, by Edward K. Root, M.D., Hartford, Member of the State Board of Health.

Afternoon Session, 2.30 p. m.

The Common House Fly in Its Relation to the Public Health, by W. E. Britton, Ph.D., New Haven, State Entomologist.

The Common Ailment, Its Lurking Places, Its Extirpation, by G. L. Beardsley, M.D., Derby.

Question Box.

Miscellaneous Business.

Adjournment.

N. B.—The above order of exercises is subject to change to accommodate speakers.

The sessions will be open and the public are cordially invited. All the subjects are of personal interest to citizens.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, November 15, 1905.

* One delayed certificate for September has been received since the publication of the last Bulletin.

METEOROLOGICAL REPORT FOR THE MONTH OF OCTOBER, 1905.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.14	30.12	56	62	62	68	55	13	93	91	N E	8	E	3	117	8	.0	Cloudy	Cloudy	Partly Cl'dy
2	30.14	30.04	61	66	63	66	60	6	84	92	S	5	S	7	125	11	.0	Cloudy	Cloudy	Cloudy
3	29.96	29.94	66	60	64	72	57	15	85	66	N W	12	N W	6	211	24	.06	Cloudy	Clear	Partly Cl'dy
4	29.93	29.83	59	66	64	77	52	25	70	68	N W	3	N W	5	154	17	.0	Clear	Clear	Clear
5	29.82	29.88	65	66	70	80	59	21	70	37	S W	6	N	5	242	23	.0	Clear	Clear	Clear
6	30.16	30.27	53	52	54	62	45	17	65	56	N W	15	N W	7	241	20	.0	Clear	Clear	Clear
7	30.39	30.29	45	52	50	60	39	21	74	76	N E	8	S W	7	165	12	.0	Clear	Clear	Clear
8	30.22	30.04	50	61	56	70	43	27	69	78	S W	8	S W	8	174	15	.0	Clear	Clear	Clear
9	30.07	30.07	60	66	64	78	51	27	73	35	W	3	N	7	167	15	.0	Clear	Clear	Clear
10	30.23	30.16	53	56	56	64	47	17	62	76	N E	9	S E	8	252	18	.0	Clear	Clear	Clear
11	30.01	29.68	56	62	58	63	54	9	76	89	S E	15	E	20	456	35	.59	Cloudy	Light Rain	Cloudy
12	29.66	29.84	47	46	52	63	42	21	69	72	W	13	W	5	282	36	.11	Clear	Clear	Clear
13	30.01	30.05	43	53	48	59	38	21	66	55	S W	6	S W	9	235	22	.0	Clear	Clear	Clear
14	30.23	30.26	51	62	57	69	45	24	75	81	N E	4	N	2	125	17	.0	Clear	Clear	Clear
15	30.30	30.17	53	62	61	74	48	26	81	79	N	2	S	9	152	.13	.0	Clear	Clear	Clear
16	30.10	30.14	62	63	64	74	55	19	84	62	S W	6	N	9	220	17	.0	Cloudy	Clear	Partly Cl'dy
17	30.34	30.33	51	56	56	66	45	21	68	68	N	12	S W	9	162	14	.0	Clear	Clear	Clear
18	30.28	30.07	56	65	58	67	49	18	76	94	S	3	S	10	191	13	T	Cloudy	Cloudy	Cloudy
19	29.98	29.95	66	66	68	72	63	9	90	92	S W	11	S W	8	194	20	.31	Cloudy	Light Rain	Cloudy
20	29.76	29.74	62	56	58	64	51	13	97	58	S E	4	W	20	207	28	1.10	Light Rain	Cloudy	Cloudy
21	29 94	30.08	44	44	46	52	40	12	63	60	W	12	W	8	321	26	.0	Clear	Clear	Clear
22	30.08	30.01	39	46	44	52	35	17	63	64	N W	8	S W	6	175	14	.0	Clear	Partly Cl'dy	Partly Cl'dy
23	30.06	30.11	41	46	46	55	36	19	65	50	N W	8	W	3	155	13	.0	Clear	Clear	Clear
24	30.16	30.09	47	54	51	61	41	20	80	76	S W	3	S W	12	228	23	.03	Cloudy	Light Rain	Cloudy
25	30.17	30.20	48	48	48	54	41	13	76	50	N	7	N E	6	191	18	.01	Cloudy	Sprinkling	Cloudy
26	30.27	30.23	35	39	40	50	31	19	54	65	N E	20	N E	9	340	24	.0	Clear	Clear	Partly Cl'dy
27	30.27	30.26	33	48	40	51	28	23	60	64	N	6	S	5	195	15	.0	Clear	Cloudy	Clear
28	30.31	30.40	47	48	50	57	42	15	82	73	W	4	N	10	141	11	.0	Cloudy	Cloudy	Partly Cl'dy
29	30.58	30.52	40	45	44	52	36	16	70	67	N E	12	N	9	195	22	.0	Clear	Partly Cl'dy	Clear
30	30.51	30.39	35	43	43	54	32	22	72	66	N E	9	N	4	185	14	.0	Clear	Clear	Clear
31	30.30	30.07	36	52	44	55	32	23	72	78	N	6	S	9	170	16	.0	Clear	Partly Cl'dy	Clear
Month Ave's.	30.14	30.10	50	55	54	63	45	18	74	69	N E	8	N	8	205	18	2.21			

SUMMARY.

BAROMETER.

Monthly Mean, 30.12 inches.

Highest, 30.58 in.; Date, 29.

Lowest, 29.66 in.; Date, 12.

Monthly range, .92 inches.

TEMPERATURE.

Monthly Mean, 54 degrees.
Highest, 80 degrees; Date, 5.
Lowest, 38 degrees; Date, 27.
Absolute range, 52 degrees.
Greatest daily range, 27 degrees; Date, 9.
Least daily range, 6 deg.; Date, 2.
Mean daily range, 18 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 1.57 degrees.

WIND.

Prevailing direction, N.
Mean hourly velocity, 8 miles.
Max. velocity and direction, 36 S.; Date, 12.
Total monthly movement, 6,367 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 8.
*Greatest 24 hour precipitation, (in. and 100ths), 1.39; Date, 19, 20.
Total monthly precipitation, (in. and 100ths), 2.21 in.
Total depth of snowfall (in.), 0.
Dates of thunder storms, none.
Accumulated deficiency of precipitation since Jan. 1st, 3.58 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---52 deg.		1890---51 deg.	
1874---52	"	1891---51	"
1875---53	"	1892---52	"
1876---50	"	1893---54	"
1877---54	"	1894---53	"
1878---56	"	1895---49	"
1879---58	"	1896--- 50	"
1880---51	"	1897---53	"
1881---56	"	1898---54	"
1882 ---56	"	1899---54	"
1883---49	"	1900---57	"
1884---53	"	1901---53	"
1885---52	"	1902---54	"
1886---53	"	1903---54	"
1887---51	"	1904---50	"
1888---48	"	1905---54	"
1889---49	"		

COM. RAINFALL. (Inches and 100ths.)

1873---6.18		1890---7.63	
1874---1.86		1891---4.62	
1875---3.18		1892---0.94	
1876---1.12		1893---4.75	
1877--10.09		1894---6.11	
1878---2.33		1895---3.32	
1879---1.41		1896---2.91	
1880---4.07		1897---1.25	
1881---2.78		1898---7.22	
1882---3.54		1899---1.78	
1883---5.87		1900---2.03	
1884---2.49		1901---2.95	
1885---5.37		1902---6.41	
1886---1.95		1903---2.94	
1887--- 3.24		1904---2.21	
1888---6.46		1905---2.21	
1889---3.96			

Monthly mean humidity, 71 per cent. Monthly mean dew point, 44. Number of clear days, 18. Number of fair days, 6. Number of cloudy days, 7.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 116 feet. Elevation of rain and snow gauges, 111 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIX. NO. 11.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, LL.D., NEW HAVEN, PRES.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. McKENZIE, CIVIL ENG., SOUTHINGTON.
E. K. RODT, M.D., HARTFORD.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.
LEWIS SPERRY, ATT'Y AT LAW, HARTFORD.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF NOVEMBER, 1905

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of November, 1905, and a Statement of the Births and Marriages for the Month of October, 1905.

Total estimated population of the State is 989,570.

TOWNS.	Estimated Population.	Living Births in Oct.	Still Births in Oct.	Marriages in Oct.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,850	39	2	17	13	11.2	4	2	46.1	----	----	----	----	----	1	----	----	----	----	----	1	----	1	2	----	2	1	1	4
Branford,	6,339	14	1	5	10	18.9	1	2	30.0	----	----	----	----	1	----	----	----	----	----	----	----	----	2	2	1	----	1	----	3
Bridgeport,	82,061	166	7	77	107	15.2	16	12	26.1	----	----	1	----	1	3	1	1	1	----	----	2	----	9	24	3	11	8	5	37
Bristol,	10,773	31	----	9	8	8.9	1	1	40.0	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	1	1	1	3
Danbury,	19,475	37	----	16	37	21.6	5	----	13.8	----	----	----	----	----	----	----	----	----	----	----	1	3	4	----	1	9	9	1	9
Derby,	8,910	27	3	19	12	16.1	2	1	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	1	----	1	----	7
East Hartford,	7,381	18	----	6	7	11.3	1	----	14.2	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	2	----	2
Enfield,	6,449	19	1	9	6	11.1	2	----	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	2	----	3
Greenwich,	13,192	16	2	6	13	11.7	1	1	15.3	----	----	----	----	----	----	----	----	----	----	----	----	----	3	1	2	1	----	----	6
Groton,	6,173	11	----	5	6	11.6	----	1	16.6	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	1	1	1	2
Hartford,	93,160	157	4	104	125	13.7	14	5	15.2	----	----	----	----	----	1	1	1	1	----	----	1	----	11	15	3	11	13	7	60
Huntington,	6,355	12	----	4	2	3.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	
Killingly,	6,739	10	1	11	4	5.3	1	----	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4
Manchester,	11,790	21	1	12	20	20.3	5	2	35.0	----	----	----	----	----	1	4	----	----	----	----	----	----	2	----	2	2	----	3	6
Meriden,	30,331	63	1	34	39	11.8	1	3	13.3	----	1	----	1	----	----	----	----	1	----	----	----	1	3	7	----	5	2	2	7
Middletown,	18,626	29	3	10	38	17.9	6	1	18.4	----	----	----	----	----	----	----	----	----	----	----	2	----	4	6	----	9	6	4	7
Naugatuck,	12,702	27	1	9	11	10.3	3	----	27.2	----	----	----	----	----	----	----	----	1	----	----	----	----	3	1	----	1	----	----	5
New Britain,	32,799	93	----	52	45	16.4	17	3	44.4	----	----	----	----	----	2	----	----	----	----	----	1	----	2	6	5	6	1	2	20
New Haven,	119,018	273	9	129	160	15.6	20	6	16.2	----	----	----	----	3	2	----	----	8	----	----	3	2	18	17	7	13	21	11	55
New London,	19,443	25	3	26	27	16.0	5	----	18.5	----	----	----	1	----	----	----	----	----	----	----	2	1	4	3	----	1	2	1	12
New Milford,	5,247	16	1	5	9	20.5	1	2	32.2	----	----	----	----	----	1	----	----	----	----	----	1	----	----	----	----	2	----	1	4
Norwalk,	21,024	27	1	19	30	17.1	1	2	10.0	----	----	----	----	----	4	----	----	----	----	----	----	----	4	2	1	6	3	2	8
Norwich,	25,506	55	2	32	38	16.9	4	----	10.5	----	----	----	----	----	----	----	----	----	----	----	1	----	2	11	----	6	6	2	10
Orange,	8,225	21	----	9	7	10.2	1	----	14.2	----	----	----	----	----	----	----	1	1	----	----	----	----	1	----	----	3	----	----	1
Putnam,	7,766	8	---	3	12	18.6	2	----	16.6	----	1	----	----	1	----	----	----	1	----	----	----	----	----	----	1	2	2	2	2
Southington,	6,084	18	----	4	8	15.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	----	6
Stamford,	20,408	40	1	28	29	17.0	2	3	17.2	----	----	----	----	----	1	----	----	----	----	----	1	----	4	3	2	2	4	2	10
Stonington,	9,218	13	----	5	6	7.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	----	----	----	----	4
Thompson,	6,873	14	1	2	14	24.4	4	1	35.7	----	----	----	----	----	2	----	----	----	----	----	2	----	2	----	1	2	2	----	3
Torrington,	15,655	37	1	14	10	7.7	2	1	30.0	----	----	----	----	----	----	----	----	----	----	----	1	----	1	1	----	----	----	1	6
Vernon,	8,321	16	2	10	4	5.7	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	----	----	----	----	----	2
Wallingford,	10,209	24	----	10	8	9.4	----	----	----	----	----	----	1	----	----	----	----	1	----	----	----	----	----	1	----	----	1	----	4
Waterbury,	60,107	122	4	64	68	13.1	12	3	22.0	----	----	1	----	----	2	1	----	1	----	----	3	----	7	7	5	10	8	2	21
Winchester,	8,553	20	----	12	17	25.0	2	----	11.7	----	----	----	----	----	1	----	----	1	----	----	----	----	2	1	1	4	1	2	4
Windham,	10,189	27	2	15	13	15.3	----	1	7.7	----	----	----	----	----	----	----	----	1	----	----	----	2	1	----	----	3	----	----	6
Total of the 35 above towns,	748,951	1546	54	792	954	15.2	136	53	19.9	----	3	2	3	6	21	7	3	19	----	----	24	10	92	118	35	115	99	54	343
130 towns of less than 5,000 inhabitants,	235,341	292	12	196	300	15.2	25	15	13.3	----	----	1	2	----	2	----	----	8	2	----	8	----	17	32	6	33	29	25	135
Total reported from 165 towns,	984,292	1838	66	988	1254	15.2	161	68	18.2	----	3	3	5	6	23	7	3	27	2	----	32	10	109	150	41	148	128	79	478
Population of towns not reporting,	5,278																												

The Mortality in Public Institutions of the State was: in Bridgeport, 24; in Danbury, 4; in Hartford, 49; in Meriden, 2; in Middletown, 16; in New Britain, 2; in New Haven, 49; in New London, 2; in Norwalk, 3; in Norwich, 6; in Stamford, 1; and in Waterbury, 7. Non-residents in these are deducted from the total mortality of their respective towns, in estimating the death rates of those towns.

The following towns are reported as having no deaths in November: Barkhamsted, Bethany, Bethlehem, Brooklyn, Chaplin, Colebrook, Cornwall, Eastford, East Granby, Franklin, Hartland, Hebron, Killingworth, Ledyard, Lyme, Marlborough, Middlebury, Middlefield, Monroe, Morris, New Fairfield, North Haven, Old Lyme, Prospect, Rocky Hill, Salem, Sherman, Sterling, Trumbull, Warren, Westbrook, Weston, Wilton, Wolcott, Woodbridge.—Total, 35.

The Registrars of the following towns have made no report for November: Avon, Essex, Kent.—Total, 3.

REMARKS.

By mortality reports received there were 1254 deaths during the month of November. This was 88 more than in October, and 92 more than in November of last year, and 131 more than the average number of deaths during November for the five years preceding.

	1905	1904	1903	1902	1901	1900
January,	1412	1440	1420	1172	1439	1367
February,	1368	1387	1303	1124	1381	1261
March,	1577	1525	1421	1239	1441	1691
Total 1st quarter,	4357	4352	4144	3535	4261	4319
April,	1329	1377	1245	1191	1253	1678
May,	1199	1317	1265	1100	1056	1230
June,	1289	1129	1163	1061	1022	1121
Total 2d quarter,	3817	3823	3673	3352	3331	4029
July,	1650	1409	1414	1394	1297	1583
August,	1417	1362	1404	1348	1310	1642
September,	1196	1169	1160	1166	1235	1270
Total 3d quarter,	4263	3940	3978	3908	3842	4495
October,	1166	1167	1124	1133	1062	1208
November,	1254	1162	1171	1083	1104	1097

The death rate was 15.2 for the large towns, for the small towns, 15.2, and for the whole State 15.2.

The deaths reported from infectious diseases were 189, being 14.2 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Stratford, 1.

Measles.—Avon, 1; Bridgeport, 2; Danielson (borough), 3; Durham, 6; East Hartford, 4; Enfield, 3; Essex, 1; Haddam, 43+; Hampton, 4; Hartford, 1; Harwinton, 1; Killingly, 2; Litchfield (town and borough), 25+; Madison, 2; Manchester, 4; Meriden (city), 20; Meriden (town), 2; Middletown, 1; Naugatuck, 1; New Haven, 3; New Milford, 1; Old Saybrook, 1; Plymouth, 4; Pomfret, 1; Putnam, 30; Seymour, 1; Southington, 1; Thomaston, 28; Torrington (town and borough), 2; Washington, 7; Waterbury (city), 11; Westbrook, 1; Woodstock, 2,—Total, 219+ in 32 towns.

Scarlet Fever.—Beacon Falls, 1; Bloomfield, 4; Bridgeport, 14; Danbury (city), 1; Derby, 1; East Granby, 1; Enfield, 2; Glastonbury, 1; Greenwich, 3; Groton, 1; Hartford, 9; Huntington, 1; Manchester, 2; Middletown (city), 1; Naugatuck, 6; New Britain (city), 3; New Haven, 4; Norwich (city), 1; Plainfield, 1; Plymouth, 4; Portland, 2; Seymour, 1; Shelton (borough), 5; Southington, 1; Sprague, 1; Stamford (city), 4; Stamford (town), 1; Stonington, 1; Torrington (town and borough), 4; Wallingford, 2; Washington, 7; Waterbury (city), 11; West Hartford, 15; West Haven (borough), 1; Windsor, 1; Woodbridge, 1.—Total, 119 in 35 towns.

Cerebro Spinal Fever.—New Britain (city), 1; New Haven, 3.—Total, 4 in 2 towns.

Diphtheria and Croup.—Ansonia, 1; Beacon Falls, 1; Bridgeport, 33; Bristol, 2; Burlington, 4; Colchester, 1; Danbury (city), 2; Derby, 1; East Hartford, 1; Enfield, 1; Greenwich, 5; Griswold, 1; Hartford, 25; Huntington, 2; Manchester, 16; Meriden (city), 2; Naugatuck, 3; New Britain (city), 5; New Hartford, 3; New Haven, 12; New London, 2; North Canaan, 1; North Haven, 1; Norwalk (city), 3; Norwalk (town), 1; Plymouth, 2; South Norwalk (city), 4; Stamford (city), 1; Thompson, 7; Torrington, 1; Trumbull, 2; Waterbury (city), 9; West Hartford, 1; Wethersfield, 1; Windsor Locks, 2; Winsted (borough), 2.—Total, 161 in 35 towns,

Whooping Cough.—Branford, 2; Danbury (city), 8; Hartford, 10; Huntington, 1; Manchester, 41; Newington, 5; Sherman, 4; Stamford (city), 1; Waterbury (city), 2.—Total, 74 in 9 towns.

Typhoid Fever.—Ansonia, 3; Berlin, 2; Bethel, 1; Branford, 1; Bridgeport, 2; Bristol, 2; Canton, 1; Chatham, 1; Colchester, 1; Danbury (city), 4; East Hartford, 1; East Lyme, 1; Enfield, 3; Farmington, 1; Greenwich, 2; Hamden, 1; Hartford, 25; Jewett City (borough), 1; Killingly, 1; Litchfield, 1; Lyme, 1; Manchester, 5; Meriden (city), 3; Meriden (town), 1; Middletown (city), 1; Naugatuck, 1; New Britain (city), 5; New Canaan (town and borough), 4; New Haven, 32; Newington, 1; New Milford, 1; Norfolk, 2; North Canaan, 1; Prospect, 1; Ridgefield, 2; Rockville (city), 1; Seymour, 2; Shelton (borough), 1; Sherman, 1; Somers, 6; Stafford, 1; Stamford, 1; Torrington (town and borough), 2; Waterbury (city), 9; West Hartford, 3; West Haven (borough), 3; Willimantic (city), 6; Winsted (borough), 1; Woodstock, 1.—Total, 154 in 48 towns.

Consumption.—Ansonia, 1; Branford, 1; Bridgeport, 5; Hamden, 1; Hampton, 1; Hartford, 11; Lyme, 1; Madison, 1; Manchester, 2; Naugatuck, 2; New Britain (city), 1; North Haven, 1; Norwalk (city), 1; Norwalk (town), 1; Plymouth, 2; Putnam, 1; Sherman, 1; Southbury, 1; South Norwalk (city), 2; Thompson, 2; Waterbury (city), 5; Wethersfield, 1.—Total, 45 in 21 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Barkhamsted, Bethany, Bethlehem, Bolton, Bozrah, Brookfield, Brooklyn, Canaan, Canterbury, Chaplin, Cheshire, Chester, Clinton, Colebrook, Columbia, Cornwall, Coventry, Cromwell, Danbury, East Haddam, East Haven, Easton, East Windsor, Ellington, Fairfield, Franklin, Goshen, Granby, Groton (borough), Guilford, Hartland, Hebron, Kent, Killingworth, Lebanon, Ledyard, Lisbon, Mansfield, Marlborough, Middlebury, Milford, Monroe, Montville, New Britain, New Fairfield, North Branford, North Stonington, Norwich, Old Lyme, Oxford, Plainville, Preston, Redding, Ridgefield (borough), Rocky Hill, Roxbury, Salem, Salisbury, Saybrook, Scotland, Sharon, South Windsor, Stafford Springs (borough), Sterling, Suffield, Tolland, Union, Vernon, Voluntown, Warren, Waterford, Watertown, Weston, Willington, Wilton, Windham, Wolcott.—79.

All the Health Officers of Tolland County have reported, but the Health Officers of the following Towns have not reported:

Hartford Co.—Simsbury.
New Haven Co.—Orange.
New London Co.—Stonington (borough).
Fairfield Co.—Darien, Newtown, Westport.
Windham Co.—Eastford.
Litchfield Co.—Bridgewater, Morris, Winchester, Woodbury.
Middlesex Co.—Middlefield.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Scarlet Fever.—Darien, 1.
La Grippe.—Ellington, 1; Guilford, 1.
Diphtheria and Croup.—Burlington, 1; West Hartford, 1.
Typhoid Fever.—Cromwell, 1; New Canaan, 1; Newington, 1; Norfolk, 1; Somers, 2; Westport, 2.—Total, 8.
Consumption.—Darien, 1; East Haddam, 1; East Lyme, 1; Griswold, 1; Guilford, 1; Haddam, 1; Litchfield, 1; Milford, 1; Redding, 1; Scotland, 1; Seymour, 1; Sharon, 2; Simsbury, 1; Voluntown, 1; Watertown, 1; Windsor, 1.—Total, 17.

TO THE PHYSICIANS, REGISTRARS, UNDERTAKERS, ETC.

Attention is hereby called to two important laws enacted by the last General Assembly which directly concern the duties of Doctors, Registrars and Undertakers. One is, that the Registrar of every town "shall at once make a certified copy of each certificate of birth, marriage, or death, and transmit the same to the Registrar of the town in which the parents of the child born, or either of the contracting parties to a marriage, or the deceased, were residents at the time of said birth, marriage or death."

The State Board will provide proper forms as prescribed by law for such certified copies.

The second law is, that after the 1st day of January, 1906, new forms of certificates of birth, marriage, and death, shall be provided by the State Board of Health, devised in such manner that as they accumulate, they can be bound in volumes of uniform size and appearance. The object of the law is better preservation of the Vital Statistics of the State.

The law also provides that "all cards or blanks provided for returns to be made by the Registrar of Vital Statistics shall be exact copies of the forms for the returns to said Registrar of Vital Statistics.

The laws are imperative and practically forbid Registrars to accept certificates of birth, marriage, or death on the old forms or any other form than those provided in accordance with the law. Supplies of blanks are in press, and will be forwarded to Registrars in time for distribution.

Respectfully submitted,

C. A. LINDSLEY, M.D.,

Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, December 15, 1905.

METEOROLOGICAL REPORT FOR THE MONTH OF NOVEMBER, 1905.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.77	29.86	49	41	49	62	36	26	90	48	N E	6	N W	20	246	32	.0	Foggy	Clear	Clear
2	30.17	30.26	32	38	38	46	29	17	58	58	N	7	N	5	198	21	.0	Clear	Clear	Clear
3	30.24	30.07	34	51	40	51	29	22	71	72	N E	8	S E	15	245	24	.22	Cloudy	Cloudy	Cloudy
4	30.00	30.18	42	46	48	54	41	13	74	68	W	7	N W	6	209	21	.13	Clear	Clear	Clear
5	30.35	30.21	40	48	45	53	37	16	72	62	N W	4	W	4	156	16	.0	Clear	Cloudy	Partly Cl'dy
6	29.90	29.65	50	53	49	56	42	14	96	68	S	24	W	20	308	28	.15	Light Rain	Clear	Cloudy
7	29.78	29.76	38	44	42	53	32	21	65	74	W	4	N	6	164	13	.0	Clear	Cloudy	Partly Cl'dy
8	29.73	29.86	39	42	43	49	37	12	83	64	N E	6	W	7	131	14	T	Cloudy	Clear	Cloudy
9	29.98	30.06	36	38	40	47	33	14	77	62	N	12	W	8	253	21	T	Clear	Clear	Partly Cl'dy
10	30.25	30.34	32	38	36	43	29	14	69	62	W	5	N W	4	183	16	.0	Clear	Clear	Partly Cl'dy
11	30.33	30.13	30	44	38	48	27	21	67	74	N	1	S W	10	159	15	.0	Clear	Clear	Clear
12	29.97	29.70	37	50	46	55	36	19	74	74	W	10	S W	3	238	22	.0	Clear	Clear	Clear
13	29.58	29.55	47	48	43	56	30	26	69	64	S W	12	N W	19	312	29	T	Clear	Cloudy	Partly Cl'dy
14	30.04	30.06	17	27	24	33	16	17	64	51	N	6	N E	3	209	27	.0	Clear	Clear	Clear
15	30.02	29.71	25	48	34	48	19	29	62	76	N E	2	S W	8	287	31	.03	Partly Cl'dy	Cloudy	Cloudy
16	29 53	29.52	40	43	45	50	40	10	92	77	N E	3	N W	10	114	15	.0	Cloudy	Clear	Cloudy
17	29.73	29.84	36	40	42	48	36	12	64	60	N W	13	W	7	297	31	.0	Clear	Cloudy	Clear
18	29.87	30.02	38	41	40	50	31	19	70	48	N	6	N W	10	197	21	.0	Clear	Clear	Clear
19	30.10	30.17	32	36	38	49	28	21	69	68	N	10	N	13	201	16	.0	Clear	Clear	Clear
20	30.37	30.46	25	30	30	38	22	16	62	44	N	20	N	10	317	29	.0	Clear	Clear	Clear
21	30.58	30.56	27	39	38	52	25	17	49	51	N	10	N W	8	249	20	.0	Clear	Clear	Clear
22	30.50	30.30	32	46	42	56	28	28	59	42	W	5	S W	11	185	16	.0	Clear	Partly Cl'dy	Partly Cl'dy
23	30.28	30.22	37	50	46	56	36	20	69	52	N	3	W	5	134	12	.0	Clear	Clear	Clear
24	30.18	29.96	44	53	51	60	42	18	53	81	S W	6	S W	15	246	20	.02	Clear	Partly Cl'dy	Clear
25	29.87	29.92	55	47	51	63	39	24	85	59	S W	13	N	12	260	16	.0	Cloudy	Clear	Clear
26	29.96	29.74	35	47	42	51	33	18	67	62	N E	8	N E	2	124	12	.0	Clear	Cloudy	Partly Cl'dy
27	30.10	30.35	37	38	42	48	35	13	65	50	W	12	N W	15	271	26	.0	Clear	Clear	Clear
28	30.45	30.15	30	46	40	51	28	23	67	96	N E	4	S	11	194	22	.29	Clear	Light Rain	Cloudy
29	29.80	29.55	55	53	52	57	46	11	97	85	S W	24	S W	14	532	30	.69	Light Rain	Light Rain	Cloudy
30	29.98	30.53	34	17	32	50	14	36	40	50	W	22	N W	20	192	35	T	Partly Cl'dy	Clear	Clear
Month Ave's.	30.05	30.02	37	43	42	51	32	19	70	63	N	9	N W	10	236		1.53			

SUMMARY.

BAROMETER.

Monthly Mean, 30.04 inches.

Highest, 30.58 in.; Date, 21.

Lowest, 29.52 in.; Date, 16.

Monthly range, 1.06 inches.

TEMPERATURE.

Monthly Mean, 42 degrees.
Highest, 63 degrees; Date, 25.
Lowest, 14 degrees; Date, 30.
Absolute range, 49 degrees.
Greatest daily range, 36 degrees; Date, 30.
Least daily range, 10 deg.; Date, 16.
Mean daily range, 19 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 1.43 degrees.

WIND.

Prevailing direction, N W.
Mean hourly velocity, 9 miles.
Max. velocity and direction, 35 W.; Date, 30.
Total monthly movement, 7080 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 11.
*Greatest 24 hour precipitation. (in. and 100ths),86; Date, 28, 29.
Total monthly precipitation, (in. and 100ths), 1.53 in.
Total depth of snowfall (in.), trace.
Dates of thunder storms, none.
Accumulated deficiency of precipitation since Jan. 1st, 5.99 inches.

COMPAR. TEMP. (Mon. Mean.)

1873	34 deg.	1890	42 deg.
1874	42 "	1891	41 "
1875	38 "	1892	40 "
1876	44 "	1893	41 "
1877	46 "	1894	37 "
1878	42 "	1895	44 "
1879	41 "	1896	46 "
1880	40 "	1897	42 "
1881	43 "	1898	41 "
1882	39 "	1899	42 "
1883	42 "	1900	44 "
1884	41 "	1901	37 "
1885	42 "	1902	47 "
1886	43 "	1903	39 "
1887	40 "	1904	38 "
1888	43 "	1905	42 "
1889	44 "		

COM. RAINFALL. (Inches and 100ths.)

1873	4.73	1890	0.67
1874	3.44	1891	2.21
1875	7.44	1892	5.46
1876	4.43	1893	2.56
1877	7.11	1894	4.24
1878	6.33	1895	4.84
1879	2.33	1896	2.33
1880	2.82	1897	5.72
1881	4.18	1898	5.09
1882	1.31	1899	1.89
1883	1.56	1900	4.14
1884	2.24	1901	1.61
1885	3.49	1902	0.79
1886	3.83	1903	1.85
1887	2.85	1904	1.95
1888	4.73	1905	1.53
1889	7.78		

Monthly mean humidity, 67 per cent. Monthly mean dew point, 30. Number of clear days, 16. Number of fair days, 7. Number of cloudy days, 7.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 116 feet. Elevation of rain and snow gauges, 111 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XIX. NO. 12.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, LL.D., NEW HAVEN, PRES.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. McKENZIE, CIVIL ENG., SOUTHINGTON.
E. K. RODT, M.D., HARTFORD.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.
LEWIS SPERRY, ATT'Y AT LAW, HARTFORD.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF DECEMBER, 1905

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of December, 1905, and a Statement of the Births and Marriages for the Month of November, 1905.

Total estimated population of the State is 989,570.

TOWNS.	Estimated Population.	Living Births in Nov.	Still Births in Nov.	Marriages in Nov.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,850	45	2	14	20	17.3	4	1	25.0						1			2			2		1	1	1	1	1		10
Branford,	6,339	13	1	1	4	7.5																	2	1			1		
Bridgeport,	82,061	183	9	100	127	18.2	17	8	19.6		1	1	1	1	6						2		20	18	2	15	10	8	42
Bristol,	10,773	20	3	12	9	10.0		1	11.1				1	1									1	2		1	1		2
Danbury,	19,475	39	3	18	26	16.0	2	1	11.5						1			3					4	4	1	6	3		4
Derby,	8,910	21		4	19	25.5	4	2	31.5														2	1	2	3	3	1	7
East Hartford,	7,381	6	2	8	7	11.3							1											1	1			1	3
Enfield,	6,449	12		12	20	37.2	5		25.0		1												1	3	4	1	1		9
Greenwich,	13,192	23	3	17	21	19.1	3	1	19.0									2					1			2	1	6	9
Groton,	6,173	8	1	6	6	11.6																	2	1		1			2
Hartford,	93,160	161	15	84	104	12.6	14	5	18.2						2	1		2			1		12	21	1	10	11	12	31
Huntington,	6,355	11		5	2	3.8																				1		1	
Killingly,	6,739	12		6	9	16.0		3	33.3																	2		1	6
Manchester,	11,790	17		13	13	13.2	1	3	30.7						1	1		1			1		3	2		2	1	1	
Meriden,	30,331	50	1	31	42	16.6	5	6	26.1		1		1		2	1							3	4	1	5	3	3	18
Middletown,	18,626	18	1	16	35	13.5	2		5.5										1				6	4	2	4	5	1	12
Naugatuck,	12,702	28		13	7	6.6	1		14.2				1		1								1			1	1	1	1
New Britain,	32,799	73	4	31	41	14.6	12	1	31.7												2	2	6	3	1	6	5	2	14
New Haven,	119,018	247	11	111	181	16.9	28	23	28.1		1		1	4	2	1		4				1	12	31	6	22	23	8	65
New London,	19,443	30	3	21	23	14.1	3		13.0									1					1	2	2	4	1	3	9
New Milford,	5,247	6		2	6	13.7																		1		3			2
Norwalk,	21,024	23	1	10	29	16.5	1		3.4				2				1						3	4		10	1	1	7
Norwich,	25,506	53	1	29	42	18.8	7	2	21.4		1		1					2		1			2	7	1	8	6	2	11
Orange,	8,225	7	1	4	8	11.6	1		12.5															2			1		5
Putnam,	7,766	11	1	6	15	23.0	2	2	26.6		3												3	1	1	1	3	1	2
Southington,	6,084	15		6	7	13.8	1	1	28.5						1											2	1		3
Stamford,	20,408	31	3	20	30	17.2	1	3	13.3				1		1			1						5	3	7	1		11
Stonington,	9,218	15	2	4	12	15.6	1	2	25.0						2	1							2	2		2	2		1
Thompson,	6,873	8		1	8	13.9	2		25.0						1						1		2	1			2		2
Torrington,	15,655	29	2	13	19	14.5	5	1	31.5						2								2	1		3	2	2	7
Vernon,	8,321	22	2	12	11	15.8	2		18.1				1											1		2	3	1	3
Wallingford,	10,209	23	1	5	12	14.1																	2	2		5			3
Waterbury,	60,107	129	4	88	72	13.8	13	10	31.9						3		1	1					11	10	3	3	5	5	30
Winchester,	8,553	14	1	3	14	16.8	2		14.2														2	3		1	3	1	4
Windham,	10,189	20		8	17	20.0	4	1	29.4					1										2		4	2	1	7
Total of the 35 above towns,	748,951	1423	78	734	1018	16.3	144	77	21.7		8	1	11	10	23	4	2	19	1	1	9	3	107	141	32	138	103	63	342
131 towns of less than 5,000 inhabitants,	235,493	310	16	132	300	15.2	24	16	13.3		2	1	3	2	1	1		4	1		2		21	41	16	28	32	18	127
Total reported from 166 towns,	984,444	1733	94	866	1318	16.0	168	93	19.8		10	2	14	12	24	5	2	23	2	1	11	3	128	182	48	166	135	81	469
Population of towns not reporting,	5,126																												

The Mortality in Public Institutions of the State was :- in Bridgeport, 23; in Danbury, 2; in Hartford, 30; in Meriden, 6; in Middletown, 18; in New Britain, 5; in New Haven, 46; in New London, 5; in Norwalk, 6; in Norwich, 9; in Stamford, 1; in Waterbury, 11; and in Winchester, 4. Non-residents in these are deducted from the total mortality of their respective towns, in estimating the death rates of those towns.

The following towns are reported as having no deaths in December: Barkhamsted, Bethany, Bethlehem, Bolton, Bozrah, Canaan, Chaplin, Columbia, Eastford, Easton, Goshen, Hampton, Hartland, Killingworth, Lisbon, Marlborough, North Branford, Old Saybrook, Salem, Trumbull, Union, Woodbridge.—Total, 22.

The Registrars of the following towns have made no report for December: Southbury, West Hartford.— Total, 2.

REMARKS.

By mortality reports received there were 1318 deaths during the month of December. This was 61 more than in November, and 60 more than in December of last year, and 83 more than the average number of deaths during December for the five years preceding.

	1905	1904	1903	1902	1901	1900
January,	1412	1440	1420	1172	1439	1367
February,	1368	1387	1303	1124	1381	1261
March,	1577	1525	1421	1239	1441	1691
Total 1st quarter,	4357	4352	4144	3535	4261	4319
April,	1329	1377	1245	1191	1253	1678
May,	1199	1317	1265	1100	1056	1230
June,	1289	1129	1163	1061	1022	1121
Total 2d quarter,	3817	3823	3673	3352	3331	4029
July,	1650	1409	1414	1394	1297	1583
August,	1417	1362	1404	1348	1310	1642
September,	1196	1169	1160	1166	1235	1270
Total 3d quarter,	4263	3940	3978	3908	3842	4495
October,	1166	1167	1124	1133	1062	1208
* November,	1257	1162	1171	1083	1104	1097
December,	1318	1258	1347	1298	1145	1129
Total 4th quarter,	3741	3587	3642	3514	3311	3434
Total for year,	16178	15702	15437	14339	14745	16277

The death rate was 16.3 for the large towns, for the small towns, 15.2, and for the whole State 16.0.

The deaths reported from infectious diseases were 223, being 16.9 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Hartford, 1.

Measles.—Ansonia, 1; Bozrah, 1; Branford, 1; Bridgeport, 6; Canterbury, 2; Clinton, 2; Derby, 1; Enfield, 25; Essex, 7; Greenwich, 1; Groton (borough), 1; Haddam, 5; Hamden, 1; Hampton, 3; Hartford, 1; Harwinton, 1; Killingly, 30+; Litchfield (town and borough), 15+; Southbury, 2; Meriden (city), 15; Middletown, 2; Naugatuck, 2; New Haven, 2; North Canaan, 24; Norwich (city), 12+; Old Saybrook, 7; Plainfield, 1; Pomfret, 6; Prospect, 1; Putnam, 20; Southington, 3; South Norwalk (city), 1; Stamford (city), 1; Thompson, 1; Torrington (town and borough), 8; Waterbury (city), 11; Watertown, 2; Westbrook, 3; Willimantic (city), 1; Winsted (borough), 1; Woodstock, 3.—Total, 233+ in 41 towns.

Scarlet Fever.—Ansonia, 3; Berlin, 1; Bloomfield, 2; Bridgeport, 17; Derby, 3; East Haven, 1; Easton, 1; Enfield, 3; Greenwich, 5; Groton, 3; Hartford, 6; Huntington, 2; Manchester, 2; Mansfield, 1; Middletown (city), 5; Naugatuck, 3; New Britain (city), 7; New Britain (town), 2; New Haven, 13; Newington, 1; New Milford, 2; Norwalk, 1; Norwich (city), 2; Orange, 2; Plainfield, 1; Plainville, 1; Plymouth, 1; Preston, 1; Shelton (borough), 4; Simsbury, 2; Southington, 2; Wallingford, 2; Waterbury (city), 12; West Haven (borough), 1; Westport, 2; Willimantic (city), 1; Windsor, 1.—Total, 119 in 36 towns.

Cerebro Spinal Fever.—Berlin, 1; Hartford, 3; New Haven, 1; Stafford, 1; Stamford, 5.—Total, 11 in 5 towns.

Diphtheria and Croup.—Ansonia, 2; Beacon Falls, 1; Bethel, 1; Bridgeport, 29; Bristol, 6; Colchester (town and borough), 3; Derby, 1; East Lyme, 2; Enfield, 1; Greenwich, 4; Hartford, 30; Huntington, 3; Lebanon, 1; Lisbon, 1; Manchester, 3; Meriden (city), 5; Naugatuck, 4; New Britain (city), 3; New Haven, 10; New London, 2; New Milford, 1; Newtown, 1; North Haven, 2; Norwalk (city), 2; Norwich, 1; Plainfield, 2; Shelton (borough), 1; South Norwalk (city), 2; Stamford (city), 5; Stonington, 3; Stratford, 1; Thomaston, 1; Torrington (town and borough), 14; Vernon, 1; Waterbury (city), 19; Wethersfield, 1; Windsor, 3; Winsted (borough), 2.—Total, 174 in 38 towns.

Whooping Cough.—Ansonia, 3; Branford (town and borough), 12; Chester, 1; Essex, 1; Hartford, 6; Manchester, 42; North Haven, 2; Oxford "many"; Seymour, 1; South Windsor, 3; Stamford (city), 2.—Total 73+ in 11 towns.

Typhoid Fever.—Branford (town and borough), 5; Bridgeport, 1; Bristol, 1; Brooklyn, 2; Danbury, (city), 2; Danbury (town), 3; Farmington, 1; Greenwich, 2; Groton, 1; Hamden, 1; Hartford, 13; Killingly, 1; Lebanon, 1; Litchfield, 1; Manchester, 2; Meriden (city), 2; Middletown (city), 2; Milford, 1; Montville, 1; Naugatuck, 1; New Britain (city), 1; New Canaan, 1; New Haven, 13; Norwich (city), 1; Norwich (town), 1; Oxford, 1; Ridgefield (borough), 1; Salisbury, 1; Seymour, 1; South Norwalk (city), 4; Stamford (city), 3; Sterling, 1; Torrington (town and borough), 2; Waterbury (city), 5; West Haven (borough), 1; Windsor, 1; Woodbridge, 1.—Total, 83 in 35 towns.

Consumption.—Branford, 1; Bridgeport, 7; Derby, 1; Hampton, 1; Hartford, 7. Manchester, 2; Montville, 1; Naugatuck, 1; New Canaan (town and borough), 6; Norwalk (city), 1; South Norwalk (city), 1; Waterbury (city), 12; Woodbridge, 1.—Total, 42 in 12 towns.

* Three delayed certificates have been received for November since the publication of the last bulletin.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Barkhamsted, Bethany, Bethlehem, Bolton, Brookfield, Burlington, Canaan, Canton, Chaplin, Chatham, Cheshire, Colebrook, Columbia, Cornwall, Coventry, Cromwell, Darien, Durham, Eastford, East Haddam, East Hartford, East Windsor, Ellington, Fairfield, Franklin, Glastonbury, Goshen, Granby, Griswold, Guilford, Hebron, Jewett City (borough), Killingworth, Ledyard, Marlborough, Meriden, Middlebury, Monroe, New Fairfield, Norfolk, North Branford, North Stonington, Old Lyme, Portland, Redding, Ridgefield, Rocky Hill, Roxbury, Salem, Saybrook, Scotland, Sharon, Sherman, Somers, Southbury, Sprague, Suffield, Tolland, Union, Voluntown, Warren, Waterford, West Hartford, Weston, Willington, Wilton, Windham, Windsor Locks, Wolcott.—Total, 72.

All the Health Officers of New Haven County have reported, but the Health Officers of the following Towns have not reported:

Hartford Co.—East Granby, Hartland.
New London Co.—Lyme, Stonington (borough).
Fairfield Co.—Trumbull.
Windham Co.—Danielson (borough).
Litchfield Co.—Bridgewater, Kent, Morris, New Hartford, Washington, Winchester, Woodbury.
Middlesex Co.—Middlefield.
Tolland Co.—Rockville (city), Stafford Springs (borough),

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Haddam, 1; Woodstock, 1; Total, 2.
Scarlet Fever.—Mansfield, 1.
La Grippe.—Guilford, 1; Stratford, 1; Wolcott, 1. Total, 3.
Cerebro-Spinal Fever.—Berlin, 1; Mansfield, 1. Total, 2.
Diphtheria and Croup.—Beacon Falls, 1.
Whooping Cough.—Darien, 1.
Typhoid Fever.—Montville, 1; Seymour, 1, Somers, 1; Westport, 1. Total, 4.
Consumption.—Chatham, 1; Chester, 1; Cornwall, 1; Durham, 1; Franklin, 1; Glastonbury, 1; Lyme, 1; Montville, 1; Plainfield, 1; Plymouth, 2; Salisbury, 1; Sherman, 1; Simsbury, 1; Voluntown, 2; Waterford, 1; Wethersfield, 2; Willington, 2. Total, 21.

BACTERIOLOGICAL LARORATORY.

Prof. H. W. Conn, Director of the Bacteriological Laboratory at Middletown, hereby announces that he is now ready to make examinations, and report promptly upon specimens sent for the purpose of diagnosing diphtheria, typhoid fever and tuberculosis.

Specimens sent by physicians will not receive attention unless presented in the outfits which are supplied to them by the Health Officer.

TO REGISTRARS, DOCTORS AND UNDERTAKERS.

The Secretary has received many letters of enquiry about the operation of the new laws relating to the forms of certificates of Births, Marriages and Deaths.

The new laws do not require any change in the facts to be registered, but have altered the form of the certificates for the purpose of securing their more careful preservation.

The new forms which have been supplied to all the Registrars must be used, and those only, for certifying to Births, Marriages and Deaths occurring after January 1st, 1906.

The old forms may be used for those events before that date.

As the old forms cannot be preserved in the way the law prescribes, Registrars cannot legally accept them for Births, etc., occurring after January 1st, 1906. This rule is imperative and provides for no discretionary neglect.

Again, whereas the law requires that the copies of the certificates of Births, Marriages and Deaths, shall be "exact" copies, new forms of cards have been provided for returns to this office, and will be sent to Registrars soon after the copies of last year's certificates are received. The old forms cannot be accepted, only for copies of the old forms of certificates.

Blanks for CERTIFIED COPIES of certificates of Births, Marriages and Deaths have been supplied to all Registrars, to be used in compliance with the Statute enacted by the Legislature as published in Chapter 153 of the Blue Book.

Registrars not fully supplied with blanks will be furnished on application to the undersigned.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

New Haven, January 15, 1906.

METEOROLOGICAL REPORT FOR THE MONTH OF DECEMBER, 1905.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.85	30.85	15	29	24	36	13	23	46	55	N	6	W	3	151	16	.0	Clear	Clear	Clear
2	30.68	30.29	26	52	36	53	20	33	63	90	N E	5	S W	13	206	18	.08	Partly Cl'dy	Light Rain	Cloudy
3	29.90	29.65	52	41	48	57	38	19	100	84	S	15	N W	15	324	29	2.04	Light Rain	Cloudy	Cloudy
4	29.96	30.18	34	32	33	38	28	10	66	54	N W	12	W	18	330	24	.0	Clear	Partly Cl'dy	Partly Cl'dy
5	30.53	30.55	23	29	28	34	21	13	53	60	N W	9	N W	4	203	23	.0	Clear	Clear	Clear
6	30.50	30.37	26	35	32	40	25	15	54	63	W	7	W	7	131	10	.0	Clear	Clear	Partly Cl'dy
7	30.32	30.31	31	40	38	47	30	17	68	71	W	7	S W	3	126	10	.0	Clear	Clear	Clear
8	30.26	30.30	35	44	43	52	34	18	72	62	S W	5	N	13	155	14	.0	Clear	Clear	Clear
9	30.30	30.05	36	38	37	42	32	10	77	79	N E	13	N E	16	338	24	.10	Cloudy	Light Snow	Cloudy
10	29.49	29.71	33	22	30	40	20	20	100	71	N	24	N W	19	528	40	.42	Light Snow	Clear	Partly Cl'dy
11	29.75	29.72	28	38	28	39	18	21	71	58	S W	7	S W	11	198	19	.0	Cloudy	Partly Cl'dy	Cloudy
12	29.86	29.83	34	44	39	46	32	14	81	85	E	4	S E	4	133	15	.0	Cloudy	Clear	Partly Cl'dy
13	30.00	30.12	31	41	38	48	29	19	84	67	N E	2	N W	3	108	10	.0	Partly Cl'dy	Cloudy	Partly Cl'dy
14	30.34	30.47	28	24	26	36	17	19	65	68	N W	7	N	10	202	16	.0	Clear	Clear	Clear
15	30.54	30.47	11	21	16	21	11	10	58	59	N E	20	N E	20	427	27	.0	Cloudy	Cloudy	Cloudy
16	30 36	30.23	22	30	24	30	19	11	65	67	N E	20	N E	12	386	24	.0	Cloudy	Partly Cl'dy	Partly Cl'dy
17	30.16	30.04	20	34	30	40	19	21	54	56	N	16	N	6	236	18	.0	Partly Cl'dy	Clear	Partly Cl'dy
18	29.93	29.95	24	39	36	50	22	28	60	51	E	1	N	6	115	12	.0	Clear	Clear	Clear
19	30.07	30.15	33	39	38	46	30	16	75	83	N E	2	N W	6	102	8	.0	Partly Cl'dy	Cloudy	Partly Cl'dy
20	30.31	30.36	34	40	40	48	33	15	83	64	N	3	N E	7	157	14	T	Clear	Clear	Partly Cl'dy
21	29 84	29.68	41	48	44	50	38	12	96	86	N E	21	S W	17	356	37	1 .16	Light Rain	Clear	Cloudy
22	29.85	29.97	43	45	46	50	41	9	76	62	S W	20	S W	7	319	29	.0	Clear	Clear	Clear
23	29.83	29.72	40	43	42	45	38	7	96	88	S E	7	N W	7	109	8	.28	Light Rain	Cloudy	Cloudy
24	29.82	30.03	33	30	34	40	29	11	60	62	W	12	W	9	246	27	.0	Clear	Clear	Clear
25	30.06	30.01	23	33	30	37	22	15	74	51	W	4	S W	5	142	15	.0	Clear	Partly Cl'dy	Clear
26	30.15	30.12	27	35	34	42	25	17	67	72	W	8	S W	9	228	16	.0	Clear	Clear	Clear
27	30.13	30.13	31	38	37	44	30	14	68	70	W	6	S W	3	157	12	.0	Clear	Clear	Partly Cl'dy
28	30.23	30.14	30	42	39	51	27	24	73	69	N	3	S E	3	81	9	.0	Clear	Clear	Clear
29	29.55	29.41	50	46	48	58	38	20	96	84	S	14	S W	9	382	31	.75	Light Rain	Cloudy	Partly Cl'dy
30	29.48	29.77	39	37	39	42	36	6	75	53	W	20	W	20	517	37	.0	Partly Cl'dy	Clear	Partly Cl'dy
31	29.94	30.07	32	37	36	40	32	8	64	65	N W	4	W	7	134	20		Clear	Cloudy	Cloudy
Month Ave's.	30.10	30.08	31	37	35	43	27	16	72	68	W	10	S W	9	233.1	19.7	4.83			

SUMMARY.

BAROMETER.

Monthly Mean, 30.09 inches.

Highest, 30.85 in.; Date, 1.

Lowest, 29.41 in.; Date, 29.

Monthly range, 1.44 inches.

TEMPERATURE.

Monthly Mean, 35 degrees.
Highest, 58 degrees; Date, 29.
Lowest, 11 degrees; Date, 15.
Absolute range, 47 degrees.
Greatest daily range, 33 degrees; Date, 2.
Least daily range, 6 deg.; Date, 30.
Mean daily range, 16 degrees.
Accumulated deficiency of daily mean temperature since Jan. 1st, 46 degrees.

WIND.

Prevailing direction, S W.
Mean hourly velocity, 9 miles.
Max. velocity and direction, 37 E.; Date, 21.
Total monthly movement, 7227 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 7.
*Greatest 24 hour precipitation. (in. and 100ths), 2.12; Date, 2, 3.
Total monthly precipitation, (in. and 100ths), 4.83 in.
Total depth of snowfall (in.), 5.2.
Dates of thunder storms, 29.
Accumulated deficiency of precipitation since Jan. 1st, 4.57 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---33 deg.	1890---27 deg.
1874---33 "	1891---39 "
1875---33 "	1892---28 "
1876---26 "	1893---31 "
1877---38 "	1894---32 "
1878---34 "	1895---35 "
1879---35 "	1896---29 "
1880---28 "	1897---34 "
1881---38 "	1898---31 "
1882---30 "	1899---34 "
1883---30 "	1900---33 "
1884---32 "	1901---31 "
1885---33 "	1902---29 "
1886---28 "	1903---27 "
1887---32 "	1904---25 "
1888---33 "	1905---35 "
1889---39 "	

COM. RAINFALL. (Inches and 100ths.)

1873---4.41	1890---2.90
1874---2.85	1891---3.74
1875---1.39	1892---1.72
1876---2.38	1893---3.22
1877---1.46	1894---3.33
1878---5.50	1895---1.91
1879---4.41	1896---2.40
1880---3.49	1897---5.61
1881---4.75	1898---2.11
1882---2.99	1899---1.56
1883---3.85	1900---2.14
1884---6.41	1901---7.65
1885---3.31	1902---0.49
1886---3.47	1903---2.43
1887---3.09	1904---3.64
1888---5.68	1905---4.83
1889---2.62	

Monthly mean humidity, 70 per cent. Monthly mean dew point, 26. Number of clear days, 11. Number of fair days, 12. Number of cloudy days, 8.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 116 feet. Elevation of rain and snow gauges, 111 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero * Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XX. NO. 1.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, LL.D., NEW HAVEN, PRES.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. MCKENZIE, CIVIL ENG., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.
LEWIS SPERRY, ATT'Y AT LAW, HARTFORD.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JANUARY, 1906

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of January, 1906, and a Statement of the Births and Marriages for the Month of December, 1905.

Total estimated population of the State is 989,570.

TOWNS.	Estimated Population.	Living Births in Dec.	Still Births in Dec.	Marriages in Dec.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,850	28	2	5	16	13.8	3	1	25.0	----	----	----	----	----	----	----	----	----	----	----	1	----	1	2	1	3	----	1	7
Branford,	6,339	18	----	4	5	8.2	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	1	----	----	2	----	----	1
Bridgeport,	82,061	172	9	36	115	16.2	27	8	30.4	----	----	----	3	----	7	----	1	----	----	----	1	----	7	24	2	8	7	7	48
Bristol,	10,773	27	1	6	21	23.3	3	----	14.2	----	----	----	2	----	----	----	----	----	----	----	----	1	----	5	----	4	----	----	9
Danbury,	19,475	32	2	4	35	21.5	5	1	17.1	----	----	----	1	----	----	----	----	----	----	----	----	----	4	4	2	4	11	2	7
Derby,	8,910	25	----	4	13	17.5	3	1	30.7	----	----	----	----	----	----	----	1	----	----	----	----	1	1	1	----	5	----	1	3
East Hartford,	7,381	17	----	7	10	16.2	3	----	30.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	1	1	2	3
Enfield,	6,449	10	----	5	9	16.7	1	1	22.2	----	1	----	----	----	----	----	----	----	----	----	----	----	1	3	----	----	----	1	3
Greenwich,	13,192	19	2	7	13	11.8	4	1	38.4	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	1	----	----	9
Groton,	6,173	9	2	2	5	9.7	1	----	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	1	2
Hartford,	93,160	152	9	54	124	14.4	19	7	20 9	----	----	----	1	2	----	1	----	2	----	----	1	----	14	26	4	15	9	11	38
Huntington,	6,355	6	----	2	8	15.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	3	----	4
Killingly,	6,739	10	----	2	10	17.8	1	----	10.0	----	----	----	1	----	1	----	----	----	----	----	----	----	2	----	----	----	1	----	5
Manchester,	11,790	24	----	4	16	16.2	2	2	25.0	----	----	----	----	----	1	1	----	----	----	----	----	----	1	2	1	2	4	1	3
Meriden,	30,331	74	3	12	33	13.0	4	8	36.3	----	4	----	----	2	5	----	----	1	----	----	----	----	3	2	----	1	2	2	11
Middletown,	18,626	32	2	9	36	17.3	4	2	16.6	----	----	----	----	----	1	----	----	1	----	----	----	----	4	5	1	3	8	2	11
Naugatuck,	12,702	38	1	4	15	14.1	3	----	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	4	----	2	2	----	6
New Britain,	32,799	84	2	17	58	21.2	15	2	29.3	----	----	----	1	----	----	3	----	----	----	----	1	----	3	10	4	7	9	1	19
New Haven,	119,018	244	12	87	179	17.4	28	17	25.1	----	----	1	3	3	2	----	----	2	2	1	----	1	12	30	7	19	17	8	71
New London,	19,443	38	2	11	31	19.1	2	2	12.9	----	----	----	----	----	----	----	----	----	----	----	----	----	2	4	----	3	4	3	15
New Milford,	5,247	2	----	1	6	13.7	----	----	----	----	----	----	2	----	----	----	----	----	----	----	----	----	----	----	1	1	1	----	1
Norwalk,	21,024	32	1	11	35	19.4	5	----	14 2	----	----	----	5	----	1	----	1	----	----	1	1	----	2	3	----	12	----	1	8
Norwich,	25,506	50	5	6	40	16.4	3	----	7.5	----	----	----	1	----	----	----	----	----	1	----	----	----	5	6	1	8	6	1	11
Orange,	8,225	6	1	4	14	20.4	4	----	28.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	----	1	4	2	3
Putnam,	7,766	13	----	6	11	16.9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	2	----	1	5
Southington,	6,084	5	----	3	13	27.6	3	----	23.0	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	1	2	3	----	5
Stamford,	20,408	53	3	11	36	21.1	7	1	22.2	----	----	----	1	----	----	----	----	1	----	----	1	----	4	5	1	3	2	2	16
Stonington,	9,218	10	1	5	8	10.4	1	----	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	1	1	1	----	2
Thompson,	6,873	9	----	----	4	7.1	2	----	50.0	----	----	----	----	----	----	----	----	----	----	----	1	----	1	1	----	----	----	----	1
Torrington,	15,655	33	1	9	9	6.8	----	1	11.1	----	----	----	----	----	2	----	----	----	----	----	----	----	1	2	----	2	----	1	1
Vernon,	8,321	16	2	4	8	11.5	1	----	12.5	----	----	----	1	----	----	----	----	----	----	----	----	----	1	----	----	2	1	----	3
Wallingford,	10,209	28	2	5	12	14.1	3	----	25.0	----	----	----	1	----	----	----	----	----	----	----	----	----	2	1	1	1	----	1	5
Waterbury,	60,107	132	2	35	76	14.5	20	6	34.2	----	----	----	2	----	1	----	----	----	----	----	1	1	6	15	2	9	2	9	28
Winchester,	8,553	17	----	4	10	14.0	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	----	2	----	1	5
Windham,	10,189	24	----	3	18	21.1	3	----	16 6	----	----	----	5	----	----	----	----	----	----	----	----	----	5	1	----	----	2	----	5
Total of the 35 above towns,	748,951	1489	67	389	1052	16.8	180	61	22.8	----	5	1	32	7	21	5	3	8	3	2	8	4	87	172	30	128	100	62	374
127 towns of less than 5,000 inhabitants,	232,740	357	16	71	279	14.3	22	11	12.1	----	2	----	9	----	3	1	----	2	1	----	2	1	18	28	8	43	36	17	108
Total reported from 162 towns,	981,691	1846	83	460	1331	16.2	302	72	28.2	----	7	1	41	7	24	6	3	10	4	2	10	5	105	200	38	171	136	79	482
Population of towns not reporting,	7,879																												

The Mortality in Public Institutions of the State was: in Bridgeport, 21; in Hartford, 43; in Meriden, 2; in Middletown, 12; in New Haven, 42; in Norwalk, 4; in Norwich, 9; in Waterbury, 8. Non-residents in these are deducted from the total mortality of their respective towns, in estimating the death rates of those towns.

The following towns are reported as having no deaths in January: Ashford, Bethany, Bethlehem, Bozrah, Brookfield, Chaplin, Chester, Colebrook, Columbia, Cromwell, Durham, East Granby, East Lyme, Easton, Granby, Hebron, Kent, Killingworth, New Fairfield, North Branford, North Haven, Old Lyme, Prospect, Redding, Salem, Scotland, Tolland, Voluntown, Waterford, Westbrook, Wolcott, Woodbridge.—Total, 32.

The Registrars of the following towns have made no report for January: Beacon Falls Lisbon, Marlborough, North Canaan, Union, Windsor.—Total, 6.

REMARKS.

By mortality reports received there were 1331 deaths during the month of January. This was 13 more than in December, and 81 less than in January of last year, and 45 less than the average number of deaths during January for the five years preceding.

	1906	1905	1904	1903	1902	1901
January,	1331	1412	1440	1420	1172	1439

The death rate was 16.8 for the large towns, for the small towns, 14.3, and for the whole State 16.2.

The deaths reported from infectious diseases were 210, being 15.7 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—Ansonia, 5; Barkhamsted, 1; Bethlehem, 5; Bozrah, 5; Branford, 1; Bridgeport, 7; Bristol (town and borough), 9; Cheshire, 38; Clinton, 2; Derby, 3; Eastford, 1; East Windsor, 1; Enfield, 85; Fairfield, 1; Farmington, 1; Franklin, 1; Glastonbury, 1; Groton (borough), 2; Hamden, 1; Hampton, 6; Hartford, 5; Jewett City (borough), 24; Killingly, 1; Lebanon, 6; Litchfield (town and borough), 10+; Lyme, 4; Manchester, 1; Meriden (city), 16; Meriden (town), 7; Middlebury, 5; Middletown (city), 4; Middletown (town), 3; Morris, 3; Naugatuck, 3; New Britain (city), 1; New Hartford, 4; New Haven, 4; New London, 2; Norfolk, 2; North Canaan, 90; Norwich (city), 20+; Old Lyme, 19; Old Saybrook, 43+; Plainfield, 1; Plainville, 1; Pomfret, 27; Putnam, 3; Ridgefield (borough), 1; Shelton (borough), 1; Somers, 2; Southington, 6; Stamford (city), 10; Stamford (town), 4; Sterling, 1; Thomaston, 1; Thompson, 8; Wallingford (epidemic); Waterbury, 19; Watertown, 2; Westbrook, 12; Westport, 2; Willimantic (city), 2; Windham, 3; Winsted (borough), 1; Woodstock, 2.—Total, 562+ in 62 towns.

Scarlet Fever.—Ansonia, 2; Bethel, 1; Bloomfield, 4; Branford (town and borough), 3; Bridgeport, 15; Bristol (town and borough), 2; Darien, 1; Derby, 1; East Haddam, 5; Enfield, 1; Farmington, 2; Glastonbury, 1; Greenwich, 3; Hamden, 1; Hartford, 18; Kent, 1; Manchester, 9; Meriden (city), 1; Middletown (city), 2; Milford, 5; Naugatuck, 10; New Britain (city), 8; New Britain (town), 1; New Haven, 8; New Milford, 7; Norwalk, 1; Norwich (city), 1; Orange, 2; Plainfield, 1; Seymour, 6; Shelton (borough), 1; Southington, 7; Stamford (city), 3; Stratford, 3; Washington, 2; Waterbury, 13; Westbrook, 2; Weston, 1; Wilton, 1; Windsor, 1.—Total, 157 in 39 towns.

Cerebro Spinal Fever.—Ansonia, 3; New Haven, 3; Thomaston, 1.—Total, 7 in 3 towns.

Diphtheria and Croup.—Ansonia, 3; Bethel, 1; Bozrah, 3; Bridgeport, 26; Bristol (town and borough), 3; Canterbury, 1; Danielson (borough), 1; East Lyme, 1; East Windsor, 1; Enfield, 1; Glastonbury, 5; Haddam, 1; Hamden, 1; Hartford, 21; Huntington, 1; Manchester, 3; Meriden (city), 7; Meriden (town), 5; Middletown, 3; Naugatuck, 1; New Britain (city), 2; New Haven, 20; New London, 1; Norwalk (city), 1; Norwalk (town), 3; Norwich (city), 1; Shelton (borough), 5; South Norwalk (city), 1; Sprague, 4; Stamford (city), 3; Stonington, 1; Stratford, 1; Thompson, 1; Torrington (town and borough), 11; Union, 1; Wallingford, 1; Waterbury, 8; Windsor, 1; Windsor Locks, 4.—Total, 159 in 37 towns.

Whooping Cough.—Bolton, 1; Branford (town and borough), 8; Derby, 1; Hartford, 6; Huntington, 6; Manchester, 28; New Britain (city), 8; Shelton (borough), 5; Stamford (city), 12; Waterbury, 5.—Total, 80 in 10 towns.

Typhoid Fever.—Branford (town and borough), 3; Bridgeport, 4; Bristol, 1; Coventry, 2; East Hartford, 1; Groton (borough), 1; Haddam, 1; Hamden, 1; Hartford, 5; Harwinton, 1; Huntington, 1; Killingly, 1; Mansfield, 1; Middletown (city), 4; Naugatuck, 1; New Haven, 8; Norwalk (city), 2; South Norwalk (city), 1; Stamford (city), 3; Waterbury, 3; Willimantic (city), 1.—Total, 46 in 21 towns.

Consumption.—Ansonia, 1; Bridgeport, 4; Brooklyn, 1; Canaan, 1; Essex, 1; Fairfield, 1; Guilford, 1; Hampton, 1; Hartford, 3; Lyme, 1; Meriden (city), 2; Naugatuck, 2; Norwich (city), 1; Pomfret, 1; Rocky Hill, 1; South Norwalk (city), 1; Stamford (city), 1; Waterbury, 8; Willimantic (city), 4; Woodstock, 1.—Total, 37 in 20 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Beacon Falls, Berlin, Bridgewater, Burlington, Canton, Chaplin, Chatham, Chester, Colchester (town and borough), Colebrook, Columbia, Cornwall, Cromwell, Durham, East Granby, East Haven, Easton, Ellington, Goshen, Griswold, Hartland, Hebron, Killingworth, Ledyard, Lisbon, Marlborough, Monroe, Montville, New Canaan, New Fairfield, North Branford, North Haven, North Stonington, Oxford, Plymouth, Portland, Preston, Prospect, Ridgefield, Rockville (city), Roxbury, Salem, Salisbury, Saybrook, Scotland, Sharon, Sherman, Simsbury, Southbury, South Windsor, Stafford, Stafford Springs (borough), Tolland, Trumbull, Vernon, Voluntown, Warren, Waterford, West Hartford, West Haven (borough), Wethersfield, Willington, Winchester, Wolcott, Woodbridge, Woodbury.—Total 67.

All the Health Officers of Windham, Litchfield and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

HARTFORD CO.—Avon, Granby, Newington, Suffield.
NEW HAVEN CO.—Bethany, Madison.
NEW LONDON CO.—Groton, Norwich, Stonington (borough).
FAIRFIELD CO.—Brookfield, Danbury (city and town), Newtown, Redding.
MIDDLESEX CO.—Middlefield.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Litchfield, 1; Pomfret, 1. Total, 2.

La Grippe.—Avon, 1; Barkhamsted, 1; Canterbury, 1; Fairfield, 1; Franklin, 1; Lebanon, 1; Thomaston, 1; Willington, 1. Total, 8.

Diphtheria and Croup.—Fairfield, 1; Salisbury, 1; Sprague, 1. Total, 3.

Whooping Cough.—Oxford, 1.

Typhoid Fever.—Brooklyn, 1; Hamden, 1. Total, 2.

Consumption.—Canton, 1, Colchester, 1; Hamden, 1; Lyme, 1; New Hartford, 1; Plymouth, 1; Pomfret, 1; Simsbury, 1; Sprague, 1; Stafford, 1; Thomaston, 1; Warren, 2; Westport, 2; Windsor Locks, 1; Woodstock, 1, Total, 17.

THE WATER SUPPLIES OF CONNECTICUT.

The intimate relation of water supplies to the public health is now universally recognized throughout the civilized world. Hence wherever any organized provision is made for the protection of the public health, scarcely any division of the work is regarded as more important than the continuous oversight of the public water service and the means of testing its purity.

Some eight or ten years ago the State Board of Health was empowered by statute to "ascertain as far as practicable all facts in relation to the pollution of streams and the natural waters of the State," and the Treasurer was directed to pay for such investigation, on the Comptroller's warrant, $2,500 annually. Although this amount was found very inadequate to carry on the investigation as extensively and systematically as it is done in some other states, the amount has been used as economically as possible in examining monthly a portion of the reservoirs, and in the following year taking another portion, until all should have been examined. Because of changes to which all public supplies are exposed the examinations of all should be made annually. A portion of the appropriation has necessarily been held to meet the cost of examining private supplies, wells, etc., which the law also requires. The typhoid epidemics which occur from time to time, are almost always due to infected water. They are sometimes called *Milk* epidemics but in more than 90 per cent. it was infected water that infected the milk. It is doubtful if the State Board has done any work, at so small expense, that has brought such immediate and satisfactory results. Every month the Chemist of the Board reports a number of supplies that are dangerous and should be condemned, others as suspicious and should be better guarded. Not a great while ago in one of the large cities of the State, the well to-do part of the community, were supplied with a popular table water in bottles. It was bright and sparkling and perfectly clear. Upon a chemical examination it was found to be grossly contaminated.

In 1898, under the direction of the Board, about 250 of the wells which supply the public schools in rural Connecticut were examined. A majority were found to be more or less polluted and only about one-third, as appeared by analysis, were free from sewage pollution.

The work of examining reservoirs of public supplies is not only directly useful, but is probably even more useful indirectly. As these analyses are published, every water company is stimulated, as it can be in no other way, to produce as good a quality of water as possible.

With such evidence of the value, not to say necessity for public safety is this service, it is difficult to know why the Committee of Appropriation took the responsibility of reducing the appropriation for this work from $2,500 per year to $1,000. But such being the fact, the examination of the public water supplies must cease, and there is doubt if there is a sufficient sum to defray the expense of examining the wells of citizens, which if demanded the law requires the Board to do.

Again, the Appropriation Committee also cut down the amount hitherto paid to the Board for general expenses, from $4,000 per year to $2,500. The former amount was barely sufficient to meet the imperative expenses incurred in the discharge of the duties imposed upon the Board by law, in respect to which it has no discretion but to obey. This reduction too, was made in face of the fact that recent legislation by the legislature imposed additional duties upon the Board which has already cost nearly $1,000. Surely the committee was not informed from reliable sources of the real needs of the Board.

This explanation is one to which the public is entitled.

Respectfully submitted,

C. A. LINDSLEY, M.D.,
Secretary of State Board of Health, and
Superintendent of Vital Statistics.

NEW HAVEN, February 15, 1906.

METEOROLOGICAL REPORT FOR THE MONTH OF JANUARY, 1906.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and tooths.	8 A. M.	8 P. M.	
1	30.14	30.27	32	32	34	39	29	10	68	49	N W	4	S W	10	228	24	0	Clear	Clear	Clear
2	30.39	30.39	27	30	31	35	27	8	64	73	N W	5	N	7	191	18	0	Clear	Cloudy	Partly Cl'dy
3	30.34	30.06	26	34	32	38	25	13	58	88	N	5	E	10	193	20	.06	Clear	Light Rain	Partly Cl'dy
4	29.38	29.37	36	46	46	55	36	19	100	79	N E	9	S W	11	318	24	.03	Light Rain	Cloudy	Cloudy
5	29.67	29.75	35	37	40	46	35	11	80	59	S W	12	S W	9	288	24	0	Cloudy	Clear	Partly Cl'dy
6	29.78	29.88	33	32	36	42	29	13	75	49	S W	13	W	16	346	36	.01	Cloudy	Clear	Partly Cl'dy
7	30.12	30.16	27	31	30	36	25	11	59	68	S W	12	W	8	336	31	0	Clear	Clear	Clear
8	30.25	30.09	21	20	23	27	19	8	71	92	N	6	N	14	201	17	.07	Partly Cl'dy	Light Snow	Cloudy
9	30.08	30.23	10	16	18	25	10	15	61	51	N W	12	N	10	278	23	0	Clear	Clear	Clear
10	30.49	30.49	9	25	17	28	6	22	72	69	N E	2	N E	3	124	12	0	Partly Cl'dy	Clear	Clear
11	30.58	30.53	17	34	25	35	15	20	60	62	N E	7	N E	4	112	10	0	Partly Cl'dy	Cloudy	Cloudy
12	30.28	30.34	40	39	40	48	33	15	96	59	N E	2	N	19	173	22	.08	Partly Cl'dy	Clear	Cloudy
13	30.37	30.22	31	32	34	37	31	6	84	69	N E	20	N E	25	526	34	0	Cloudy	Cloudy	Cloudy
14	30.09	30.18	30	32	31	34	28	6	89	84	N E	22	N	5	338	28	11	Sleeting	Partly Cl'dy	Cloudy
15	30.32	30.19	29	35	32	38	27	11	77	95	N E	3	S E	10	174	20	T	Cloudy	Misty	Cloudy
16	29 75	29.56	40	43	42	46	38	8	100	45	S	6	W	21	269	28	.26	Light Rain	Clear	Cloudy
17	29.78	30.03	35	33	35	40	30	10	63	60	S W	17	W	7	336	32	0	Partly Cl'dy	Clear	Clear
18	29.80	29.70	38	38	37	44	30	14	83	91	S E	6	S	2	197	24	.11	Cloudy	Clear	Cloudy
19	30.07	30.34	34	34	36	42	30	12	67	35	W	6	N E	8	186	16	0	Clear	Clear	Clear
20	30.35	30.21	33	43	38	46	30	16	75	88	N E	5	S	4	120	12	.01	Cloudy	Cloudy	Cloudy
21	30.21	30.23	43	45	48	55	40	15	96	100	S	6	S W	4	111	10	0	Foggy	Foggy	Cloudy
22	30.28	30.23	44	51	48	56	41	15	100	68	S	3	S	4	94	10	0	Foggy	Clear	Cloudy
23	30.15	30.01	51	53	53	58	48	10	98	98	S	7	S	12	220	16	T	Foggy	Foggy	Cloudy
24	30.27	30.53	37	34	42	55	28	27	65	51	N	18	N W	16	396	32	0	Partly Cl'dy	Clear	Clear
25	30.73	30.75	20	30	26	32	20	12	48	67	N E	16	N E	6	286	23	0	Clear	Clear	Clear
26	30.67	30.49	18	30	26	36	17	19	65	78	N E	12	E	2	151	12	0	Clear	Clear	Clear
27	30.32	30.02	26	38	36	49	24	25	69	79	N E	10	N E	5	141	12	T	Clear	Cloudy	Clear
28	29.73	29.65	35	39	42	49	34	15	83	75	N	9	N W	22	252	30	T	Light Rain	Clear	Cloudy
29	30.07	30.29	20	31	28	37	20	17	61	37	N W	22	N	5	259	24	0	Clear	Clear	Clear
30	30.30	30.12	34	40	36	47	24	23	62	87	S	9	S E	12	221	19	0	Clear	Clear	Clear
31	29.99	29.94	42	43	42	51	34	17	96	92	S	6	N W	7	114	12	T	Cloudy	Cloudy	Cloudy
Month Ave's.	30.15	30.14	31	36	35	42	28	14	76	72	N E	10	N E	10	232	34	3.20			

SUMMARY.

BAROMETER.

Monthly Mean, 30.14 inches.

Highest, 30.75 in.; Date, 25.

Lowest, 29.37 in.; Date, 4.

Monthly range, 1.38 inches.

TEMPERATURE.

Monthly Mean, 35 degrees.
Highest, 58 degrees; Date, 23.
Lowest, 23 degrees; Date, 6.
Absolute range, 52 degrees.
Greatest daily range, 27 degrees; Date, 24.
Least daily range, 6 deg.; Date, 14.
Mean daily range, 14 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 233 degrees.

WIND.

Prevailing direction, N E.
Mean hourly velocity, 10 miles.
Max. velocity and direction, 36 W; Date, 6.
Total monthly movement, 7179 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 17.
*Greatest 24 hour precipitation. (in. and tooths), 1.22; Date, 3, 4.
Total monthly precipitation, (in. and tooths), 3.20 in.
Total depth of snowfall (in.), 5.7.
Dates of thunder storms, 0.
Accumulated deficiency of precipitation since Jan. 1st, 1.11 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---24 deg.	1890---35 deg.	1873---7.42	1890---3.07
1874---32 "	1891---31 "	1874---4.29	1891---6.77
1875---23 "	1892---27 "	1875---2.72	1892---5.39
1876---35 "	1893---20 "	1876---1.54	1893---3.47
1877---27 "	1894---30 "	1877---2.60	1894---2.74
1878---31 "	1895---27 "	1878---6.80	1895---5.13
1879---26 "	1896---25 "	1879---2.69	1896---1.82
1880---37 "	1897---28 "	1880---3.75	1897---3.85
1881---21 "	1898---29 "	1881---4.79	1898---4.96
1882---27 "	1899---28 "	1882---5.91	1899---4.33
1883---24 "	1900---30 "	1883---3.60	1900---3.60
1884---24 "	1901---28 "	1884---4.63	1901---1.38
1885---27 "	1902---27 "	1885---4.05	1902---1.83
1886---25 "	1903---29 "	1886---3.53	1903---3.17
1887---25 "	1904---21 "	1887---4.24	1904---2.78
1888---21 "	1905---25 "	1888---5.48	1905---4.14
1889---34 "	1906---35 "	1889---4.47	1906---3.20

COM. RAINFALL. (Inches and tooths.)

Monthly mean humidity, 74 per cent. Monthly mean dew point, 26. Number of clear days, 12. Number of fair days, 4. Number of cloudy days, 15.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 116 feet. Elevation of rain and snow gauges, 111 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XX. NO. 2.

MEMBERS OF THE BOARD.

PROF. WM. H. BREWER, LL.D., NEW HAVEN, PRES.
PROF. C. A. LINDSLEY, M.D., NEW HAVEN, SEC'Y.
T. H. MCKENZIE, CIVIL ENG., SOUTHINGTON.
E. K. ROOT, M.D., HARTFORD.
J. H. TOWNSEND, M.D., NEW HAVEN.
A. W. PHILLIPS, M.D., DERBY.
LEWIS SPERRY, ATT'Y AT LAW, HARTFORD.

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF FEBRUARY, 1906

Entered at the Post-Office, New Haven, Conn., as Second-Class Mail Matter.

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of February, 1906, and a Statement of the Births and Marriages for the Month of January, 1906.

Total estimated population of the State is 989,570.

TOWNS.	Estimated Population.	Living Births in Jan.	Still Births in Jan.	Marriages in Jan.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,850	35	1	8	15	12.9	4	1	33.3	----	----	----	----	1	----	1	----	----	----	----	1	----	1	2	2	----	----	----	7
Branford,	6,339	11	----	----	8	15.1	1	----	12.5	----	----	----	----	1	----	----	----	----	----	----	----	----	2	2	----	2	----	----	1
Bridgeport,	82,061	204	10	68	99	14.1	16	6	22.2	----	2	----	2	----	1	----	----	1	----	----	----	----	10	19	3	4	9	7	41
Bristol,	10,773	25	2	3	14	15.5	5	1	42.8	----	----	----	----	----	1	----	----	----	----	----	----	----	1	1	2	2	1	----	6
Danbury,	19,475	28	4	5	24	14.1	2	1	12.5	----	----	----	----	----	1	----	1	----	----	----	----	----	1	1	----	7	2	2	9
Derby,	8,910	20	----	16	13	17.3	2	----	15.3	----	----	----	----	1	----	----	----	1	----	----	----	----	----	2	----	2	----	1	6
East Hartford,	7,381	18	1	----	11	17.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	1	2	----	6
Enfield,	6,449	18	1	15	14	26.0	3	----	21.4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	----	1	2	----	7
Greenwich,	13,192	23	----	3	19	17.2	2	----	10.5	----	----	----	----	----	----	----	----	----	----	----	----	----	1	5	----	2	1	3	7
Groton,	6,173	13	2	6	7	13.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	2	----	3	----	----	----
Hartford,	93,160	201	9	69	102	11.9	13	7	19.6	----	----	1	----	----	----	1	2	1	----	----	3	----	8	9	7	9	11	5	45
Huntington,	6,355	15	1	1	5	9.4	3	1	80 0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	----	----	----	2
Killingly,	6,739	11	----	6	6	10.7	1	1	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	1	2	----	----	----	----	2
Manchester,	11,790	21	----	9	13	13.2	1	----	7.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	5	1	4
Meriden,	30,331	48	2	20	32	12.6	4	5	21.8	----	----	----	----	2	3	----	----	----	----	----	----	----	5	3	----	8	2	1	8
Middletown,	18,626	25	1	14	29	12.8	5	3	27.5	----	----	----	----	----	----	----	----	1	----	----	1	----	3	7	2	4	5	----	6
Naugatuck,	12,702	37	1	7	10	9.4	1	1	20.0	----	----	----	----	----	----	----	----	1	----	----	----	----	----	2	2	----	1	----	4
New Britain,	32,799	77	3	19	25	8.4	8	4	16.0	----	----	1	1	----	1	----	----	1	----	----	2	----	2	6	----	5	1	1	4
New Haven,	119,018	274	5	93	165	15.9	26	6	19.3	----	----	----	1	3	----	2	----	4	1	----	----	----	12	30	4	13	32	10	53
New London,	19,443	35	2	17	33	20.3	2	1	9.0	----	----	----	----	----	----	----	----	----	----	----	----	----	4	3	1	3	4	6	12
New Milford,	5,247	5	1	2	7	16.0	1	----	14 2	----	----	----	----	----	1	----	----	----	1	----	----	----	1	----	1	1	----	----	2
Norwalk,	21,024	35	----	7	25	11.4	3	----	12.0	----	----	----	3	----	----	----	----	1	----	----	----	----	1	2	----	4	1	2	11
Norwich,	25,506	45	3	29	36	15.9	6	1	19.4	----	----	----	----	1	----	----	----	----	----	----	3	1	1	7	4	2	4	1	12
Orange,	8,225	14	1	4	2	2.9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	1	----	----
Putnam,	7,766	13	1	6	9	13.9	1	1	22.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	2	----	2	2
Southington,	6,084	11	----	2	8	15.7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	1	1	4
Stamford,	20,408	46	2	13	30	17.5	5	3	26.6	----	----	----	2	----	----	----	----	----	----	----	----	----	3	3	----	3	5	3	11
Stonington,	9,218	17	1	8	11	4.3	3	1	36.3	----	----	----	1	----	----	1	----	----	----	----	----	----	----	3	----	----	1	----	4
Thompson,	6,873	6	----	4	4	6.9	3	----	75.0	----	1	----	1	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	1
Torrington,	15,655	23	2	9	15	11.4	3	1	26.6	----	----	----	----	----	----	----	----	----	----	----	1	----	2	2	----	2	1	----	7
Vernon,	8,321	11	----	5	7	10.0	1	1	28.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	1	1	1	2
Wallingford,	10,209	18	3	3	19	22.3	4	----	21.0	----	2	----	----	----	----	----	----	----	1	----	----	----	2	3	2	3	2	----	4
Waterbury,	60,107	163	5	44	72	13.7	12	7	26.3	----	1	----	3	----	3	2	----	----	1	----	----	----	7	7	1	4	5	4	34
Winchester,	8,553	17	3	6	13	18.2	3	----	23 0	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	2	1	2	6
Windham,	10,189	26	----	10	12	14.1	3	----	25.0	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	2	3	----	1	4
Total of the 35 above towns,	748,951	1589	67	531	914	14.6	147	53	21.7	----	6	2	14	9	11	8	3	11	4	----	11	3	76	136	37	93	102	54	334
130 towns of less than 5,000 inhabitants,	238,672	360	36	88	311	15.6	40	9	16.1	----	3	----	11	1	2	----	1	1	1	1	2	5	14	40	9	29	41	17	133
Total reported from 165 towns,	987,623	1949	103	619	1225	14.8	187	62	20.4	----	9	2	25	10	13	8	4	12	5	1	13	8	90	176	46	122	143	71	467
Population of towns not reporting,	1,947																												

The Mortality in Public Institutions of the State was: in Bridgeport, 19; Danbury, 2; in Hartford, 31; in Middletown, 11; in New Britain, 1; in New Haven, 41; in New London, 6; in Norwalk, 6; in Norwich, 7; in Waterbury, 7. Non-residents in these are deducted from the total mortality of their respective towns, in estimating the death rates of those towns.

The following towns are reported as having no deaths in February: Ashford, Beacon Falls, Bridgewater, Chester, Columbia, Eastford, East Granby, East Lyme, East Windsor Franklin, Goshen, Hampton, Harwinton, Hebron, Lyme, Marlborough, Middlebury, Middlefield, New Hartford, Newington, Norfolk, Roxbury, Salem, Scotland, Tolland, Union, Westbrook, West Hartford, Weston.—Total, 29.

The Registrars of the following towns have made no report for February: Bethany, Canterbury, Hartland.—Total, 3.

REMARKS.

By mortality reports received there were 1225 deaths during the month of February. This was 114 less than in January, and 143 less than in February of last year, and 87 less than the average number of deaths during February for the five years preceding.

	1906	1905	1904	1903	1902	1901
*January,	1339	1412	1440	1420	1172	1439
February	1225	1368	1387	1303	1124	1381

The death rate was 14.6 for the large towns, for the small towns, 15.6, and for the whole State 14.8.

The deaths reported from infectious diseases were 179, being 14.6 per cent. of the total mortality.

The following number of cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—Ansonia, 1; Ashford, 3; Bethlehem, 13; Bozrah, 17+; Bridgeport, 10; Bristol, 6; Brooklyn, 4; Chaplin, 1; Cheshire, 8; Colchester (town and borough), 2; Coventry, 4; Danielson (borough), 1; Eastford, 10; East Windsor, "number of cases"; Enfield, 17; Essex, 1; Franklin, 8; Glastonbury, 2; Griswold, 9; Guilford, 2; Hamden, 3; Hampton, 1; Hartford, 10; Jewett City (borough), 58; Lebanon, 10; Lyme, 5; Manchester, 1; Mansfield, 10; Meriden (city), 10; Meriden (town), 12; Montville, 5; Morris, 10; Naugatuck, 1; New Britain (city), 4; New Hartford, 4; New Haven, 1; New London, 16; Norfolk, 1; North Canaan, 2; Norwich (city), 65; Norwich, (town), 3; Old Lyme, 91; Old Saybrook, 3; Plainfield, 17; Pomfret, 4; Preston, 1; Putnam (town and city), 6; Ridgefield (town), 1; Ridgefield (borough), 1; Salem, 5; Scotland, 2; Seymour, 5; Somers, 1; Southington, 26; South Norwalk (city) 1; Stamford (city), 4; Stonington, 1; Stratford, 19; Thompson, 6; Wallingford, "epidemic"; Waterbury, 74; Watertown, 3; Westbrook, 58; Willimantic (city), 8; Windham, 10; Winsted (borough), 1,—Total, 699+ in 63 towns.

Scarlet Fever.—Ansonia, 2; Berlin, 6; Bethel, 1; Branford (town and borough), 3; Bridgeport, 20; Bristol, 7; Danbury (city), 2; Danielson (borough), 1; Darien, 2; Derby, 3; East Haven, 1; Farmington, 2; Haddam, 1; Hamden, 2; Hartford, 17; Huntington, 5; Manchester, 4; Meriden (city), 3; Middletown (city), 1; Milford, 1; Naugatuck, 6; New Britain (city), 6; New Canaan, 1; New Haven, 18; New Milford, 6; North Haven, 2; Plainfield, 15; Plainville, 1; Preston, 1; Simsbury, 2; Southington, 12; South Norwalk (city), 1; Stamford (city), 2; Stamford (town), 1; Stonington, 1; Stratford, 2; Suffield, 1; Wallingford, 1; Waterbury, 14; Westbrook, 1; Wilton, 1.—Total, 179 in 40 towns.

Cerebro Spinal Fever.—Ansonia, 1; Branford, 1; Darien, 1; Derby, 1; Meriden (city), 4; New Haven, 1; Seymour, 1.—Total, 10 in 7 towns.

Diphtheria and Croup.—Ansonia, 1; Bridgeport, 37; Bristol, 3; Danbury (city), 1; Enfield, 2; Greenwich, 1; Groton (borough) 1; Hamden, 2; Hartford, 14; Huntington, 4; Meriden (city), 5; Meriden (town), 1; Middletown (city), 1; Naugatuck, 2; New Britain (city), 1; New Haven, 21; North Haven, 1; North Stonington, 1; Norwich (city), 2; Plainfield, 1; Plymouth, 2; Shelton (borough), 2; Southington, 4; South Norwalk (city), 1; Sprague, 4; Stamford (city), 3; Stratford, 2; Torrington (town and borough), 2; Trumbull, 5; Union, 1; Wallingford, 1; Waterbury, 14; Wolcott, 1; Woodbury, 1.—Total, 145 in 33 towns.

Whooping Cough.—Ansonia, 2; Bozrah, 2; Branford (town and borough), 7; Columbia, 1; Derby, 3; East Haven, 2; Enfield, 1; Hebron, 5; Huntington, 2; Jewett City (borough), 5; Lebanon, 2; Manchester, 6; New Britain (city), 2; Newtown, 4; Norwalk (city), 2; Oxford, "a few"; Pomfret, 3; Redding, 6; Stamford (city), 15; Thomaston, 2; Waterbury, 6.—Total, 78+ in 21 towns.

Typhoid Fever.—Bridgeport, 5; Bristol, 1; Derby, 1; Enfield, 1; Greenwich, 1; Guilford, 1; Hartford, 8; Hebron, 1; Huntington, 1; Madison, 1; Naugatuck, 1; New Haven, 11; North Haven, 2; Plymouth, 1; Ridgefield, 1; Rockville (city), 1; Shelton (borough), 18; Simsbury, 1; South Norwalk (city), 1; Waterbury, 1; West Haven (borough), 2; Woodbridge, 1,—Total, 62 in 22 towns.

* Eight delayed certificates have been received for January since the publication of the last Bulletin.

Consumption.—Ansonia, 2; Bridgeport, 3; Chaplin, 1; East Hartford, 1; Hampton, 1; Huntington, 1; Killingly, 1; Meriden, 1; Middletown (city), 1; Montville, 1; New Canaan (town and borough), 2; Rocky Hill, 1; Southbury, 1; South Norwalk (city), 3; Waterbury, 14; Willimantic (city), 3;—Total, 37 in 16 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Avon, Barkhamsted, Beacon Falls, Bethany, Bloomfield, Bolton, Bridgewater, Brookfield, Burlington, Canaan, Canterbury, Canton, Chatham, Chester, Clinton, Colebrook, Cornwall, Cromwell, Danbury, Durham, East Haddam, East Lyme, Easton, Fairfield, Goshen, Granby, Groton, Harwinton, Kent, Killingworth, Ledyard, Lisbon, Litchfield (town and borough), Marlborough, Middlebury, Middletown, Monroe, New Britain, New Fairfield, Newington, North Branford, Norwalk, Orange, Prospect, Roxbury, Saybrook, Sharon, Sherman, South Windsor, Stafford, Sterling, Tolland, Vernon, Voluntown, Warren, Waterford, West Hartford, Weston, Westport, Wethersfield, Willington, Winchester, Windsor, Windsor Locks, Woodstock,—Total, 66.

All the Health Officers of New Haven, Fairfield and Windham Counties have reported, but the Health Officers of the following Towns have not reported:

Hartford Co.—East Granby, Hartland.
New London Co.—Stonington (borough).
Litchfield Co.—Washington.
Middlesex Co.—Middlefield, Portland.
Tolland Co.—Ellington, Stafford Springs (borough).

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Cheshire, 1; Griswold, 1; Montville, 1. Total, 3.

La Grippe.—Canaan, 1; Glastonbury, 1; Guilford, 1; Mansfield, 1; Old Saybrook, 1; Plymouth, 1; Pomfret, 1; Sharon, 1; Stratford, 1; Watertown, 1.; Wilton, 1. Total, 11.

Cerebro Spinal Fever.—Seymour, 1.

Diphtheria and Croup.—Bozrah, 1; Sprague, 1. Total, 2.

Typhoid Fever.—Kent, 1.

Consumption.—Berlin, 1, Burlington, 1; Cheshire, 1; Kent, 1; Montville, 1; New Canaan, 2; Newtown, 1; North Canaan, 1; Plymouth, 1; Ridgefield, 2; Thomaston, 1; Woodstock, 1. Total, 14.

At a Quarterly meeting of the State Board of Health, held at the Secretary's office in New Haven July 7th, it was voted by the Board to remove its Secretary's office to Hartford. At the next Quarterly meeting held Oct. 20th I presented my resignation to take effect at the pleasure of the board, after the completion of the Annual Report. At a special meeting held Nov. 22d, Dr. J. H. Townsend of New Haven was elected my successor, my resignation to take effect April 1st, after which date all communications to the board must be addressed to Dr. J. H. Townsend, Secretary, Rooms No. 85 and 87 State Capitol, Hartford.

I desire to express my most sincere thanks and grateful appreciation for the hearty co-operation and cheerful assistance of all those who have helped to broaden and extend the work of the Board to its present limits. I beg you all to give my successor the same valuable assistance you have given me and so bid you farewell.

Yours sincerely,

C. A. LINDSLEY, Secretary.

Dr. Lindsley died on the 9th of March. A few days before, and while it was hoped that the end would not come before the Bulletin was sent out, he dictated the above.

His very last words related to it, illustrating that his heart was in his work and in the performance of his duty and trust.

WM. H. BREWER,
President.

New Haven, March 15, 1906.

METEOROLOGICAL REPORT FOR THE MONTH OF FEBRUARY, 1906.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date	Barometer.† 8 A.M.	Barometer.† 8 P.M.	Temperature.‡ 8 A.M.	Temperature.‡ 8 P.M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	Relative Humidity.‖ 8 A.M.	Relative Humidity.‖ 8 P.M.	Wind. 8 A.M. Direction from	Wind. 8 A.M. Vel. in m. per h.	Wind. 8 P.M. Direction from	Wind. 8 P.M. Vel. in m. per h.	Wind. Daily Movement.	Wind. Max. velocity for a single Mile.	Precipitation.* Am't inc. melted snow Inches and 100ths.	Character of Weather. 8 A.M.	Character of Weather. 8 P.M.	Character of Day.
1	29.91	29.77	31	38	38	44	31	13	73	62	W	5	S W	10	205	18	0	Clear	Cloudy	Partly Cl'dy
2	29.96	30.25	17	10	21	36	6	30	63	51	N W	18	N W	11	344	26	0	Clear	Clear	Clear
3	30.53	30.50	4	18	13	24	2	22	50	53	N W	7	S W	9	204	17	.0	Clear	Clear	Clear
4	30.41	30.27	27	37	32	40	24	16	56	65	S W	17	S W	6	318	26	.0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
5	30.17	30.34	30	21	26	41	11	30	78	63	S	3	N W	20	229	22	T	Partly Cl'dy	Clear	Cloudy
6	30.54	30.55	3	14	12	22	3	19	42	59	N	22	N E	14	406	28	.0	Clear	Clear	Clear
7	30.50	30.46	10	23	18	28	8	20	65	72	N	18	N	4	294	24	T	Light Snow	Clear	Partly Cl'dy
8	30.48	30.43	13	31	22	34	10	24	64	89	N E	6	N E	8	198	16	.01	Clear	Cloudy	Partly Cl'dy
9	29.92	29.95	29	29	29	31	27	4	88	84	N E	30	N W	9	363	34	1.01	Sleeting	Clear	Cloudy
10	30.34	30.54	22	28	26	34	18	6	71	60	N W	5	N W	9	126	13	0	Clear	Clear	Clear
11	30.95	30.94	13	29	20	30	11	19	71	77	N	6	S E	6	175	16	0	Clear	Cloudy	Clear
12	30.81	30.59	21	35	30	40	19	21	63	68	N E	5	N E	6	163	12	0	Cloudy	Cloudy	Cloudy
13	30.19	29.93	34	43	39	44	34	10	90	81	N E	15	N	20	433	29	.01	Light Rain	Clear	Cloudy
14	29.89	29.87	38	40	38	43	34	9	85	76	S W	5	N E	4	104	6	.03	Cloudy	Cloudy	Cloudy
15	30.06	30.25	18	15	22	35	10	25	65	53	N W	14	N	11	376	20	.15	Cloudy	Clear	Couldy
16	30.46	30.50	14	27	21	32	10	22	66	57	N	8	N	12	269	30	0	Clear	Clear	Clear
17	30.58	30.49	18	32	26	37	15	22	65	78	N E	12	E	4	178	17	0	Clear	Clear	Clear
18	30.33	30.07	28	35	30	39	22	17	84	86	N E	2	S W	8	119	12	T	Cloudy	Cloudy	Cloudy
19	30.10	30.20	32	40	37	44	30	14	74	56	N	5	N W	4	136	15	0	Cloudy	Cloudy	Partly Cl'dy
20	30.30	30.21	36	38	42	51	33	18	68	81	W	4	S	4	137	14	0	Clear	Clear	Clear
21	30.00	29.67	40	48	45	52	38	14	87	100	S	6	S W	5	185	20	.98	Clear	Light Rain	Cloudy
22	29.82	30.15	42	38	42	51	33	18	75	50	N W	20	N W	10	403	33	T	Clear	Clear	Clear
23	30.37	30.31	31	39	38	48	29	19	68	45	W	7	S	6	156	15	0	Clear	Clear	Clear
24	30.28	30.16	33	46	38	47	29	18	80	53	S E	4	S	4	102	9	0	Clear	Clear	Clear
25	30.03	29.78	37	44	40	48	31	17	86	96	S E	4	E	14	165	17	.25	Partly Cl'dy	Light Snow	Cloudy
26	29.73	29.86	38	34	35	44	26	18	79	56	W	7	N W	12	265	22	.01	Cloudy	Cloudy	Cloudy
27	29.89	29.73	22	26	28	35	21	14	65	38	N	13	N	21	364	36	0	Clear	Threatening	Partly Cl'dy
28	29.73	29.92	11	14	16	21	10	11	62	56	N W	20	N W	14	543	41	0	Clear	Clear	Clear
Month Ave's.	30.22	30.20	25	31	29	38	20	18	71	67	N	10	N W	10	249	41	2.45			

SUMMARY.

Barometer.

Monthly Mean, 30.21 inches.

Highest, 30.95 in.; Date, 11.

Lowest, 29.67 in.; Date, 21.

Monthly range, 1.28 inches.

Temperature.

Monthly Mean, 29 degrees.
Highest, 52 degrees; Date, 21.
Lowest, 2 degrees; Date, 3.
Absolute range, 50 degrees.
Greatest daily range, 30 degrees; Date, 2.
Least daily range, 4 deg.; Date, 9.
Mean daily range, 18 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 251 degrees.

Wind.

Prevailing direction, N.
Mean hourly velocity, 10 miles.
Max. velocity and direction, 41 N; Date, 28.
Total monthly movement, 6960 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 12.
*Greatest 24 hour precipitation, (in. and 100ths), 1.02; Date, 8, 9.
Total monthly precipitation, (in. and 100ths), 2.45 in.
Total depth of snowfall (in.), 6.0.
Dates of thunder storms, 0.
Accumulated deficiency of precipitation since Jan. 1st, 2.78 inches.

Compar. Temp. (Mon. Mean.)

1873---26 deg.	1890---36 deg.	1873---3.45	1890---3.19
1874---28 "	1891---32 "	1874---3.86	1891---5.88
1875---24 "	1892---31 "	1875---3.98	1892---1.56
1876---32 "	1893---26 "	1876---4.29	1893---6.23
1877---36 "	1894---26 "	1877---1.07	1894---4.23
1878---33 "	1895---22 "	1878---6.40	1895---.99
1879---27 "	1896---29 "	1879---3.89	1896---5.65
1880---34 "	1897---30 "	1880---3.80	1897---2.00
1881---26 "	1898---31 "	1881---6.17	1898---4.55
1882---32 "	1899---25 "	1882---4.52	1899---3.39
1883---28 "	1900---29 "	1883---5.00	1900---6.39
1884---33 "	1901---24 "	1884---5.57	1901---.54
1885---20 "	1902---28 "	1885---3.15	1902---3.58
1886---27 "	1903---32 "	1886---5.95	1903---3.98
1887---30 "	1904---23 "	1887---6.22	1904---2.52
1888---28 "	1905---23 "	1888---3.16	1905---2.06
1889---25 "	1906---29 "	1889---2.08	1906---2.45

Monthly mean humidity, 69 per cent. Monthly mean dew point, 19. Number of clear days, 12. Number of fair days, 6. Number of cloudy days, 10.

Notes.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 116 feet Elevation of rain and snow gauges, 111 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XX NO. 3

MEMBERS OF THE BOARD

WM. H. BREWER, LL.D., PRES., NEW HAVEN
T. H. McKENZIE, C.E., SOUTHINGTON
E. K. ROOT, M.D., HARTFORD
A. W. PHILLIPS, M.D., DERBY
LEWIS SPERRY, ESQ., HARTFORD
S. B. OVERLOCK, M.D., POMFRET

J. H. TOWNSEND, M.D., SECRETARY

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MARCH, 1906

Entered at the Post-Office, Hartford, Conn., as Second-Class Mail Matter

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of March, 1906, and a Statement of the Births and Marriages for the Month of February, 1906.

Total estimated population of the State is 989,570.

TOWNS.	Estimated Population.	Living Births in Feb.	Still Births in Feb.	Marriages in Feb.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,850	34	2	14	22	19.0	3	3	27.2	----	----	----	----	1	----	2	----	----	----	----	----	----	3	3	1	3	1	3	5
Branford,	6,339	9	----	7	9	17.0	2	----	22.2	----	----	----	----	----	----	----	----	1	----	----	----	----	1	----	1	----	1	----	5
Bridgeport,	82,061	195	12	90	148	21.2	21	16	25.0	----	3	----	2	1	8	1	1	----	----	----	2	----	17	23	3	12	19	5	50
Bristol,	10,773	18	2	7	14	15.5	1	3	28.5	----	----	----	----	1	1	----	----	1	----	----	----	----	2	1	----	----	2	1	6
Danbury,	19,475	39	1	8	33	19.1	4	2	18.1	----	----	----	----	1	1	1	----	----	----	----	----	----	5	7	----	6	----	3	9
Derby,	8,910	19	4	17	13	17.5	5	4	69.2	----	----	----	----	1	----	1	----	----	----	----	2	----	1	1	1	3	----	----	3
East Hartford,	7,381	14	----	3	13	21.1	2	1	23.0	----	----	----	----	2	1	----	----	----	----	----	----	----	1	1	----	3	----	----	5
Enfield,	6,449	19	1	14	15	27.9	4	1	33.3	----	2	----	----	----	----	----	----	----	----	----	----	----	2	3	2	1	----	----	5
Greenwich,	13,192	22	1	2	26	23.6	9	1	38.4	----	----	----	2	1	----	----	----	----	----	----	----	----	----	2	2	3	1	2	13
Groton,	6,173	11	1	1	13	25.2	3	1	30 7	----	----	----	1	----	----	----	----	----	----	----	----	----	----	1	----	4	3	1	3
Hartford,	93,160	130	5	70	146	17.0	21	10	21.2	----	----	1	1	1	1	4	1	----	----	----	1	1	14	25	7	15	19	13	42
Huntington,	6,355	14	----	2	4	7.5	2	----	50 0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	2
Killingly,	6,739	15	2	3	8	14.2	2	----	25.0	----	1	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	----	5
Manchester,	11,790	23	1	9	17	16.9	4	----	23.5	----	----	----	----	----	----	----	----	----	----	----	----	----	1	3	1	4	1	----	7
Meriden,	30,331	47	1	20	56	22.1	8	5	23.2	----	----	----	3	5	4	----	----	----	----	----	----	----	1	7	----	7	7	4	18
Middletown,	18,626	34	2	15	28	12.2	4	1	17.8	----	----	----	----	----	----	----	----	----	----	----	----	----	3	4	1	6	4	----	10
Naugatuck,	12,702	16	----	9	15	14.1	2	----	13.3	----	----	----	----	----	----	----	----	----	----	----	----	----	5	----	2	----	1	----	7
New Britain,	32,799	101	1	40	31	11.3	7	3	32.2	----	----	----	----	1	1	----	----	----	----	----	1	----	3	3	1	5	2	2	12
New Haven,	119,018	257	12	94	177	17.2	37	17	30.5	----	1	----	2	1	2	4	2	1	----	----	----	1	21	28	8	17	8	7	74
New London,	19,443	39	1	7	37	22.2	7	3	27.0	----	3	----	1	----	1	----	----	----	----	----	----	----	1	2	----	8	4	3	14
New Milford,	5,247	8	----	2	5	11.4	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	1	----	----	2	1	----
Norwalk,	21,024	37	----	8	31	17.6	4	2	19 3	----	----	----	1	----	1	----	----	1	----	----	----	1	2	5	----	4	2	2	12
Norwich,	25,506	46	----	25	47	21.1	7	1	17.0	----	1	----	1	----	----	----	1	----	----	----	----	1	7	6	3	12	3	1	11
Orange,	8,225	17	1	6	14	20.4	1	1	14.2	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	1	2	2	1	7
Putnam,	7,766	13	1	11	4	6.1	----	1	25.0	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	----	----	----	2
Southington,	6,084	7	----	2	7	13.8	----	----	----	----	----	1	1	----	----	----	----	----	----	----	----	----	----	----	----	2	1	1	1
Stamford,	20,408	34	1	18	38	21.7	.8	1	23.6	----	----	2	----	----	----	1	----	----	----	----	1	1	1	6	2	9	2	4	9
Stonington,	9,218	16	----	6	8	10.4	1	----	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	1	2	2
Thompson,	6,873	10	----	1	5	8.7	----	2	40.0	----	----	----	----	----	1	----	----	----	----	----	----	----	----	1	----	----	1	----	2
Torrington,	15,655	30	----	7	16	12.2	5	2	43.7	----	----	----	----	----	----	----	----	----	----	----	----	----	1	3	----	2	1	1	8
Vernon,	8,321	13	----	7	15	21.6	2	3	33.3	----	----	----	----	----	1	----	----	1	----	----	----	1	1	----	----	2	3	----	6
Wallingford,	10,209	20	1	3	8	9.4	2	1	37.5	----	1	----	1	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	3
Waterbury,	60,107	135	3	49	91	18.1	18	8	28.5	----	2	2	2	----	2	1	----	----	----	----	----	----	5	11	5	14	5	10	32
Winchester,	8,553	18	1	7	10	14.0	1	2	30.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	2	----	5
Windham,	10,189	13	2	12	17	20.0	5	1	35.3	----	----	----	2	----	----	----	----	----	----	----	----	----	1	2	3	1	----	----	8
Total of the 35 above towns,	748,951	1473	59	596	1141	18.2	202	96	26.1	----	14	6	21	14	26	16	6	5	----	----	7	1	100	155	45	152	98	67	403
128 towns of less than 5,000 inhabitants,	233,049	334	12	77	336	17.3	38	11	14.5	----	8	----	7	1	1	1	2	3	----	1	----	1	26	62	16	58	38	15	106
Total reported from 163 towns,	982,000	1807	71	673	1477	18.0	240	107	23.4	----	22	6	28	15	27	17	8	8	----	1	7	7	126	207	61	210	136	82	509
Population of towns not reporting,	7,570																												

The Mortality in Public Institutions of the State was: in Bridgeport, 18; in Danbury, 8; in Hartford, 46; in Meriden, 5; in Middletown, 10; in New Britain, 2; in New Haven, 39; in New London, 4; in Norwalk, 3; in Norwich, 2; in Stamford, 3; in Waterbury, 8; in Winchester, 2. Non-residents in these are deducted from the total mortality of their respective towns, in estimating the death rates of those towns.

The following towns are reported as having no deaths in March: Andover, Avon, Barkhamsted, Bethany, Canterbury, Columbia, East Haven, Hebron, Lisbon, Lyme, Marlborough, Monroe, Morris, New Fairfield, North Canaan, Old Lyme, Prospect, Scotland, Sherman, Tolland, Trumbull, Warren, Willington, Wolcott, Woodstock.—Total, 25.

The Registrars of the following towns have made no report for March: Brookfield, Essex, Kent, South Windsor, Union.—Total, 5.

REMARKS.

By mortality reports received there were 1,477 deaths during the month of March. This was 242 more than in February, and 100 less than in March of last year, and 37 more than the average number of deaths during March for the five years preceding.

	1906	1905	1904	1903	1902	1901
January,	*1,340	1,412	1,440	1,420	1,172	1,439
February,	*1,235	1,368	1,387	1,303	1,124	1,381
March,	1,477	1,577	1,525	1,421	1,239	1,441
Total first quarter,	4,052	4,357	4,352	4,144	3,535	4,261

The death rate was 18.2 for the large towns, for the small towns, 17.3, and for the whole State, 18.0.

The deaths reported from infectious diseases were 258, being 17.4 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Putnam, 25.

Measles.—Avon, 1; Beacon Falls, 1; Bozrah, 6; Bridgeport, 28; Bristol, 2; Brooklyn, 12; Canterbury, 1; Chatham, 3; Coventry, 1; Danielson (borough), 49; Derby, 2; Eastford, 1; East Lyme, 50+; Enfield, 8; Fairfield, 6; Franklin, 6; Glastonbury, 1; Goshen, 1; Greenwich, 2; Griswold, 8; Hamden, 1; Hampton, 3; Hartford, 28; Hebron, 1; Huntington, 4; Jewett City (borough), 15; Killingly, 25+; Lebanon, 20+; Ledyard, 6; Lyme, 1; Madison, 1; Mansfield, 3; Meriden (city), 4; Meriden (town), 6; Montville, 2; Naugatuck, 14; New Britain (city), 6; New Haven, 20; New London, 21; North Haven, 3; Norwalk (city), 20; Norwich (city), 20; Norwich (town), 2; Old Lyme, 20+; Orange, 2; Plainfield, 44+ "epidemic"; Plymouth, 5; Pomfret, 2; Prospect, 1; Ridgefield, 4; Seymour, 3; Shelton (borough), 1; Southbury, 3; Southington, 64; Stamford (city), 8; Sterling, 2; Stratford, 14; Tolland, 4; Wallingford, "epidemic"; Waterbury, 55; Waterford, 1; Watertown, 1; Willimantic (city), 18; Windham, 16; Woodstock, 1.—Total, 686+ in 63 towns.

Scarlet Fever.—Berlin, 1; Bethel, 4; Bloomfield, 1; Bridgeport, 13; Bristol, 4; Canton, 4; Chatham, 1; Danbury (city), 2; Danbury (town), 1; Darien, 1; East Hartford, 1; East Lyme, 1; Glastonbury, 1; Granby, 3; Groton, 1; Hamden, 3; Hartford, 19; Huntington, 2; Naugatuck, 2; New Britain (city), 13; New Britain (town), 2; New Hartford, 1; New Haven, 8; New Milford, 6; North Branford, 1; North Haven, 1; Norwalk (city), 3; Rockville (city), 1; Shelton (borough), 2; Simsbury, 1; Southington, 12; South Norwalk (city), 3; Sprague, 2; Stamford (city), 2; Stamford (town), 5; Stonington, 2; Stratford, 1; Suffield, 4; Thomaston, 3; Torrington, 1; Wallingford, 2; Warren, 1; Waterbury, 41; Watertown, 1; Westbrook, 3; Westport, 2; Windsor, 1; Winsted (borough), 2; Woodstock, 1.—Total, 193 in 46 towns.

Cerebro Spinal Fever.—Bristol, 1; Derby, 1; East Hartford, 2; Hartford, 1; Meriden (city), 7; New Haven, 2; Putnam, 1; Waterbury, 1; Woodbridge, 1.—Total, 17 in 9 towns.

Diphtheria and Croup.—Bridgeport, 26; Bristol, 2; Canterbury, 2; Chatham, 1; Danbury (city), 1; Danbury (town), 1; East Hartford, 3; Fairfield, 1; Glastonbury, 1; Greenwich, 3; Hamden, 2; Hartford, 25; Huntington, 1; Manchester, 1; Meriden (city), 5; Meriden (town), 4; Middletown (city), 1; New Britain (city), 2; New Haven, 21; New London, 4; North Haven, 2; Norwich (city), 1; Oxford, 1; Rocky Hill, 1; Southington, 5; South Norwalk (city), 1; Stafford, 1; Stamford (city), 4; Torrington (town and borough), 4; Waterbury, 16; West Hartford, 1; Westport, 2; Wilton, 1; Woodbury, 1.—Total, 148 in 32 towns.

Whooping Cough.—Bolton, 6; Branford (town and borough), 10; Burlington, 1; Columbia, 8; Darien, 8; Derby, "an epidemic"; Enfield, 2; Harwinton, 6; Hebron, 6; Huntington, 8; Jewett City (borough), 1; Madison, 2; Manchester, 1; New Britain (city), 2; Plymouth, 1; Ridgefield (borough), 20; Shelton (borough), 9; Stamford (city), 18; Thomaston, 2; Wallingford, 1.—Total, 112+ in 20 towns.

*One delayed certificate for January and ten for February have been received since the publication of the last Bulletin.

Typhoid Fever.—Avon, 1; Bridgeport, 1; Bristol, 2; Danbury (city), 1; Hartford, 4; Litchfield, 1; Milford, 1; Naugatuck, 2; New Fairfield, 1; New Haven, 3; North Canaan, 1; North Haven, 3; Plymouth, 2; Rockville (city), 1; Sharon, 1; Simsbury, 1; South Norwalk (city), 1; Sprague, 2; Waterbury, 1.—Total, 30 cases in 19 towns.

Consumption.—Bridgeport, 9; Chester, 1; Danbury (city), 1; Derby, 1; Hartford, 17; Middletown (city), 1; Naugatuck, 5; North Haven, 1; Norwalk, 1; Norwich (city), 1; Scotland, 1; Southington, 2; South Norwalk (city), 2; Sprague, 1; Wallingford, 1; Waterbury, 9; Willimantic (city), 2.—Total, 56 in 17 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Barkhamsted, Bethany, Bethlehem, Bridgewater, Brookfield, Canaan, Chaplin, Cheshire, Colchester (town and borough), Colebrook, Cornwall, Cromwell, Durham, East Granby, East Haddam, East Haven, Easton, East Windsor, Farmington, Groton (borough), Guilford, Haddam, Hartland, Kent, Killingworth, Lisbon, Marlborough, Middlebury, Monroe, New Canaan (town and borough), Newington, Norfolk, North Stonington, Plainville, Portland, Redding, Roxbury, Salem, Salisbury, Saybrook, Sherman, Somers, South Windsor, Stafford Springs (borough), Thompson, Union, Vernon, Voluntown, West Haven (borough), Weston, Wethersfield, Winchester, Windsor Locks, Wolcott.—Total, 56 towns.

All the Health Officers of Hartford, New Haven and Windham Counties have reported, but the Health Officers of the following Towns have not reported:

New London Co.—Preston.
Fairfield Co.—Newtown, Trumbull.
Litchfield Co.—Morris, Washington.
Middlesex Co.—Middletown, Clinton, Essex, Middlefield, Old Saybrook.
Tolland Co.—Ellingtown, Willington.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Brooklyn, 1; Griswold, 1; Ledyard, 3; Mansfield, 1; Montville, 1; Plainfield, 1.—Total, 8.

La Grippe.—Bloomfield, 1; Cromwell, 1; Ellington, 1; Middlefield, 1; North Haven, 1; Portland, 1; Salisbury, 1.—Total, 7.

Cerebro Spinal Fever.—Thomaston, 1.

Diphtheria and Croup.—Fairfield, 1.

Whooping Cough.—Windsor, 1.

Typhoid Fever.—Madison, 1.

Consumption.—Canaan, 1; Chatham, 2; Cheshire, 1; Colebrook, 1; Darien, 1; Fairfield, 2; Farmington, 1; Griswold, 1; Haddam, 3; Hamden, 1; Milford, 1; Plainfield, 1; Plainville, 1; Salisbury, 1; Simsbury, 1; Southbury, 1; Sprague, 1; Stafford, 1; Thomaston, 1; Voluntown, 1; Westport, 1; Wilton, 1.—Total, 26.

Report of specimens examined at the Bacteriological Laboratory during the month of March:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis.....	11	19	2	32
release	2	9	..	11
Tuberculosis	15	16	..	31
Typhoid fever	4	4	1	9
Total specimens examined				83

It was announced in the last bulletin that after April 1st the office of the State Board of Health would be located in the Capitol at Hartford. Notwithstanding this announcement, more than one-half the reports received since April 1st from Health Officers and Registrars were sent to New Haven. It is hoped that next month all reports will be sent to the proper place. Those in need of new stationery for mailing can have it by sending the proper requisitions to this office.

In taking up the duties of Secretary of the State Board of Health, I appreciate the valuable work of my predecessors in organization. Twenty-five or thirty years ago there was considerable opposition to Sanitary Science, not only from the laity, but from some of the medical men. To-day sanitary science is universally recognized as an important branch in the administration of every government, whether it be national, state, city or town.

During the past quarter of a century this Board has gathered many valuable records and much information which, together with my own service, I desire to place at the disposal of the Health Officers and others. Our office at the Capitol will be open daily from 9 A. M. to 5 P. M. under the charge of competent assistants. I shall continue to reside in New Haven, where I can usually be reached by mail or telephone when not in Hartford.

Respectfully submitted,

J. H. Townsend, M.D.,
Secretary of State Board of Health and Superintendent of Vital Statistics.

Hartford, April 16, 1906.

METEOROLOGICAL REPORT FOR THE MONTH OF MARCH, 1906.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date	Barometer.†		Temperature.‡						Relative Humidity.‖		Wind.					Precipitation.*	Character of Weather.		Character of Day.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.07	30.05	14	30	23	34	12	22	62	62	N W	13	W	9	257	20	0	Clear	Clear	Clear
2	30.27	30.34	22	33	28	37	20	17	65	76	N	7	N E	3	161	15	0	Cloudy	Clear	Cloudy
3	30.26	29.80	34	41	40	50	30	20	81	96	N E	12	N E	7	304	35	2.17	Cloudy	Heavy Rain	Couldy
4	29.62	29.80	40	40	43	51	35	16	100	72	S W	5	N	7	241	26	.95	Light Rain	Partly Cl'dy	Cloudy
5	30.00	30.40	35	33	34	41	26	15	77	38	N E	3	N W	9	254	22	T	Clear	Clear	Partly Cl'dy
6	30.68	30.54	25	33	30	40	21	19	56	70	N E	14	S E	8	277	22	0	Clear	Clear	Clear
7	30.33	30.06	32	40	36	43	28	15	79	83	E	3	S W	6	113	17	.02	Cloudy	Sprinkling	Cloudy
8	29.92	29.75	37	40	42	48	35	13	89	80	N E	5	S E	2	120	12	.01	Cloudy	Cloudy	Partly Cl'dy
9	29.42	29.38	36	44	41	47	35	12	77	56	N	20	W	12	415	32	0	Cloudy	Cloudy	Cloudy
10	29.53	29.76	37	36	38	44	33	11	67	44	S W	20	W	22	479	36	.01	Clear	Clear	Partly Cl'dy
11	30.09	30.04	32	41	38	45	30	15	47	57	W	13	S W	16	310	28	0	Clear	Cloudy	Clear
12	30.02	30.31	34	30	30	38	23	15	81	41	N W	12	N W	16	283	27	.06	Cloudy	Cloudy	Partly Cl'dy
13	30.41	30.23	23	28	26	30	22	8	66	76	N	12	S	4	180	11	0	Partly Cl'dy	Cloudy	Cloudy
14	30.24	30.24	22	30	26	31	20	11	86	52	N E	13	N E	4	207	17	.03	Light Snow	Clear	Cloudy
15	30.15	29.68	20	22	22	24	20	4	91	93	N E	20	N	36	512	40	.97	Light Snow	Light Snow	Cloudy
16	29 81	29.86	23	31	28	36	20	16	62	52	N W	18	W	6	323	33	0	Cloudy	Cloudy	Partly Cl'dy
17	30.04	30.21	25	25	26	32	20	12	62	55	N W	12	N W	8	260	24	0	Clear	Clear	Partly Cl'dy
18	30.54	30.57	20	30	24	33	16	17	52	66	W	10	W	3	201	10	0	Clear	Clear	Clear
19	30.50	29.78	27	30	28	35	22	13	52	94	S W	5	N E	20	263	30	.96	Cloudy	Sleeting	Cloudy
20	29.41	29.63	30	29	32	36	27	9	77	66	W	6	W	13	364	35	.02	Cloudy	Clear	Partly Cl'dy
21	29.94	29.92	24	32	28	35	20	15	67	56	S W	9	S W	9	365	28	0	Clear	Clear	Clear
22	29.84	30.19	37	29	30	38	22	16	78	44	W	27	W	8	415	38	T	Partly Cl'dy	Clear	Partly Cl'dy
23	30.57	30.78	16	20	21	27	15	12	56	45	W	12	N W	6	227	16	0	Clear	Clear	Clear
24	30.81	30.85	14	28	20	31	10	21	56	65	N	12	S	3	176	18	0	Clear	Clear	Clear
25	30.83	30.71	19	33	26	39	12	27	59	61	N E	13	S E	3	167	17	0	Clear	Clear	Clear
26	30.52	30.32	30	42	33	42	24	18	73	88	N E	6	S E	9	166	14	.12	Cloudy	Light Rain	Cloudy
27	29.98	29.76	44	45	46	50	41	9	96	93	S	15	S W	5	262	20	.09	Foggy	Foggy	Cloudy
28	29.98	30.16	40	44	46	53	39	14	65	60	N	20	N W	3	217	22	0	Partly Cl'dy	Clear	Partly Cl'dy
29	30.26	30.17	36	45	43	53	33	20	64	64	N	9	S	8	163	12	0	Clear	Cloudy	Partly Cl'dy
30	30.02	29.61	41	42	42	45	39	6	88	94	N E	4	N E	12	181	17	.17	Cloudy	Misting	Cloudy
31	29.50	29.64	41	38	39	45	33	12	92	60	N	11	N	17	351	22	.09	Partly Cl'dy	Clear	Cloudy
Month Ave's.	30.12	30.08	29	34	33	40	25	15	72	66	W	12	W	10	265	40	5.67			

SUMMARY.

Barometer.

Monthly Mean, 30.10 inches.

Highest, 30.85 in.; Date, 20.

Lowest, 29.38 in.; Date, 9.

Monthly range, 1.47 inches.

Temperature.

Monthly Mean, 33 degrees.
Highest, 53 degrees; Date, 29.
Lowest, 10 degrees; Date, 24.
Absolute range, 43 degrees.
Greatest daily range, 27 degrees; Date, 25.
Least daily range, 4 deg.; Date, 15.
Mean daily range, 14 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 187 degrees.

Wind.

Prevailing direction, W.
Mean hourly velocity, 11 miles.
Max. velocity and direction, 40 N E; Date, 15.
Total monthly movement, 8214 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 16.
*Greatest 24 hour precipitation, (in. and 100ths), 3.11; Date, 3, 4.
Total monthly precipitation, (in. and 100ths), 5.67 in.
Total depth of snowfall (in.), 19.0.
Dates of thunder storms, 0.
Accumulated deficiency of precipitation since Jan. 1st, 1.32 inches.

Compar. Temp. (Mon. Mean.)

1873---33 deg.	1890---34 deg.	1873---4.01	1890---6.60
1874---35 "	1891---35 "	1874---1.34	1891---3.68
1875---31 "	1892---33 "	1875---3.24	1892---3.07
1876---35 "	1893---34 "	1876---10.15	1893---4.50
1877---37 "	1894---41 "	1877---8.09	1894---1.15
1878---43 "	1895---34 "	1878---4.18	1895---2.36
1879---36 "	1896---31 "	1879---5.82	1896---5.61
1880---36 "	1897---38 "	1880---5.68	1897---3.66
1881---37 "	1898---42 "	1881---10.42	1898---2.54
1882---37 "	1899---34 "	1882---3.59	1899---7.28
1883---30 "	1900---33 "	1883---1.64	1900---4.21
1884---34 "	1901---36 "	1884---4.15	1901---5.80
1885---27 "	1902---42 "	1885---1.19	1902---4.63
1886---35 "	1903---45 "	1886---3.20	1903---5.09
1887---31 "	1904---34 "	1887---4.22	1904---3.28
1888---30 "	1905---37 "	1888---7.46	1905---2.96
1889---39 "	1906---33 "	1889---1.44	1906---5.67

Com. Rainfall. (Inches and 100ths.)

Monthly mean humidity, 69 per cent. Monthly mean dew point, 23. Number of clear days, 8. Number of fair days, 10. Number of cloudy days, 13.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 116 feet. Elevation of rain and snow gauges, 111 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XX NO. 4

MEMBERS OF THE BOARD

WM. H. BREWER, LL.D., PRES., NEW HAVEN
T. H. McKENZIE, C.E., SOUTHINGTON
E. K. ROOT, M.D., HARTFORD
A. W. PHILLIPS, M.D., DERBY
LEWIS SPERRY, ESQ., HARTFORD
S. B. OVERLOCK, M.D., POMFRET

J. H. TOWNSEND, M.D., SECRETARY

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF APRIL, 1906

Entered at the Post-Office, Hartford, Conn., as Second-Class Mail Matter

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of April, 1906, and a Statement of the Births and Marriages for the Month of March, 1906.

Total estimated population of the State is 989,570.

TOWNS.	Estimated Population.	Living Births in March.	Still Births in Mch.	Marriages in Mch.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,850	31	5	3	16	13.8	5	3	50.0	----	----	----	----	----	----	2	----	----	----	----	----	----	----	4	----	1	1	2	6
Branford,	6,339	10	----	2	5	9.4	1	----	20.0	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	2	----	----	2
Bridgeport,	82,061	209	11	32	117	16.5	20	16	30.7	----	4	----	----	2	1	----	----	----	----	----	3	----	10	23	1	11	14	8	40
Bristol,	10,773	21	1	----	12	13.3	----	----	----	----	----	----	----	----	----	----	----	3	----	----	----	----	----	4	----	3	----	----	2
Danbury,	19,475	30	1	7	34	20.3	10	2	35.2	----	----	----	----	----	----	2	----	----	----	----	----	----	1	2	4	5	6	2	12
Derby,	8,910	22	3	2	20	26.9	7	4	55.0	----	1	----	----	----	----	1	----	----	----	1	3	----	3	2	1	3	----	1	4
East Hartford,	7,381	18	----	4	8	13.0	2	----	25.0	----	----	----	1	----	----	----	----	----	----	----	----	----	1	1	----	1	2	----	2
Enfield,	6,449	19	2	4	11	20.4	2	2	36.3	----	1	----	----	----	----	----	----	----	----	----	----	----	----	1	1	2	2	----	4
Greenwich,	13,192	17	----	1	19	16.5	3	3	31.5	----	----	----	----	----	----	----	----	1	----	----	----	----	----	4	1	2	1	1	9
Groton,	6,173	12	1	3	2	3.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2
Hartford,	93,160	193	9	44	144	17.6	21	11	22.2	----	3	1	3	2	----	6	----	1	----	1	----	1	16	17	1	14	16	15	47
Huntington,	6,355	11	1	2	3	5.6	----	1	33.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1
Killingly,	6,739	9	2	3	11	19.7	1	1	18.1	----	----	----	----	----	----	----	----	----	----	----	----	----	4	1	----	----	3	----	3
Manchester,	11,790	26	2	5	12	12.2	2	1	25.0	----	----	----	2	----	----	----	1	----	----	----	----	----	----	1	----	2	----	1	5
Meriden,	30,331	77	2	7	40	15.8	3	4	17.5	----	----	----	1	2	1	----	----	1	----	----	----	2	6	6	2	1	5	1	12
Middletown,	18,626	28	2	5	30	13.5	4	1	16.6	----	----	----	2	----	----	----	----	----	----	----	1	----	3	3	----	3	6	----	12
Naugatuck,	12,702	22	2	4	14	13.2	1	2	21.4	----	----	1	----	----	----	----	----	----	----	----	----	----	1	3	1	2	1	----	5
New Britain,	32,799	73	2	10	46	16.0	18	4	47.8	----	3	1	1	----	----	1	----	----	----	1	----	1	5	5	4	2	2	2	18
New Haven,	119,018	305	15	53	212	20.7	31	18	23.1	----	----	----	3	3	2	5	1	1	----	1	2	1	17	36	13	25	24	17	61
New London,	19,443	45	2	10	36	20.3	4	3	19.4	----	1	----	----	----	----	----	----	2	----	----	----	1	3	3	1	4	2	2	17
New Milford,	5,247	13	----	1	6	13.7	----	2	33.3	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	4	----	1	----
Norwalk,	21,024	34	2	5	35	19.9	3	----	8.5	----	----	----	2	----	----	----	----	----	----	----	1	----	5	8	----	4	2	2	11
Norwich,	25,506	45	1	6	48	20.2	7	2	18.7	----	1	----	3	----	1	----	----	----	----	----	2	1	3	8	1	8	5	1	14
Orange,	8,225	10	----	----	16	23.3	1	----	6.2	----	----	----	----	----	1	----	----	----	----	----	----	----	----	3	----	4	2	----	6
Putnam,	7,766	13	----	3	10	15.4	3	----	30.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	3	----	5
Southington,	6,084	19	2	3	2	3.9	1	----	50.0	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----
Stamford,	20,408	38	1	8	20	16.4	7	2	31.0	----	----	----	----	1	----	----	----	1	----	----	----	----	3	5	3	3	3	1	9
Stonington,	9,218	18	----	4	6	7.8	1	----	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	3	----	2
Thompson,	6,873	9	1	2	5	8.7	----	1	20.0	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1	----	1	1	----	1
Torrington,	15,655	31	2	6	16	12.2	1	2	18.7	----	----	----	----	----	----	----	----	----	----	----	----	----	3	1	----	2	3	----	7
Vernon,	8,321	25	----	1	12	17.2	2	1	25.0	----	----	----	----	1	----	----	----	----	----	1	----	----	----	1	----	2	1	1	5
Wallingford,	10,209	8	1	3	11	12.9	1	----	9.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	2	----	1	6
Waterbury,	60,107	154	3	10	77	14.9	14	16	38.9	----	2	5	1	1	2	1	2	2	----	----	2	1	4	12	3	5	5	6	23
Winchester,	8,553	14	1	2	15	21.0	2	----	13.3	----	----	----	2	----	1	----	----	----	----	----	----	----	----	4	----	1	2	----	5
Windham,	10,189	25	1	3	11	12.9	3	----	27.2	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	3	1	1	----	3
Total of the 35 above towns,	748,951	1634	78	258	1091	17.4	181	102	25.9	----	17	8	21	12	9	19	4	13	2	4	15	7	92	162	40	121	118	66	361
131 towns of less than 5,000 inhabitants,	239,252	398	13	46	323	16.1	44	16	18.5	----	5	2	13	----	3	----	----	1	----	----	5	----	28	48	6	42	34	17	119
Total reported from 166 towns,	988,203	2032	91	304	1414	17.0	225	118	24.2	----	22	10	34	12	12	19	4	14	2	4	20	7	120	210	46	163	152	83	480
Population of towns not reporting,	1,367																												

The Mortality in Public Institutions of the State was: in Bridgeport, 25; in Danbury, 6; in Hartford, 38; in Meriden, 6; in Middletown, 9; in New Britain, 7; in New Haven, 44; in New London, 8; in Norwalk, 4; in Norwich, 10; in Stamford, 1; in Waterbury, 8. Non-residents in these are deducted from the total mortality of their respective towns, in estimating the death rates of those towns.

The following towns are reported as having no deaths in April: Avon, Barkhamsted, Bethany, Bolton, Bridgewater, Canterbury, Cromwell, Durham, East Granby, Goshen, Hartland, Killingworth, Madison, Marlborough, Middlebury, Middlefield, Old Saybrook, Oxford, Pomfret, Sherman, Southbury, Warren, Willington, Wolcott.—Total, 24.

The Registrars of the following towns have made no report for April: Ashford, Prospect.—Total, 2.

REMARKS.

By mortality reports received there were 1,414 deaths during the month of April. This was 75 less than in March, and 85 more than in April of last year, and 135 more than the average number of deaths during April for the five years preceding.

	1906	1905	1904	1903	1902	1901
January,	1,340	1,412	1,440	1,420	1,172	1,439
February,	1,235	1,368	1,387	1,303	1,124	1,381
March,	*1,489	1,577	1,525	1,421	1,239	1,441
April,	1,414	1,329	1,377	1,245	1,191	1,253
Total first quarter,	4,064	4,357	4,352	4,144	3,535	4,261

The death rate was 17.4 for the large towns, for the small towns, 16.1, and for the whole State, 17.0.

The deaths reported from infectious diseases were 253, being 17.8 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Putnam, 24.

Measles.—Andover, 1; Avon, 4; Beacon Falls, 2; Bethel, 1; Bloomfield, 2; Bridgeport, 46; Bristol, 2; Brooklyn, 26; Canterbury, 8; Canton, 1; Colchester (town and borough), 2; Coventry, 8; Danbury (city), 2; Danielson (borough), 4; Darien, 1; Derby, 3; Durham, 7; East Granby, 1; East Hartford, 3; East Lyme, 40; Enfield, 6; Franklin, 3; Glastonbury, 2; Goshen, 4; Greenwich, 4; Griswold, 4; Groton, 4; Groton (borough), 1; Hamden, 1; Hampton, 2; Hartford, 43; Harwinton, 2; Killingly, 25+; Ledyard, 2; Lyme, 35; Madison, 5; Manchester, 7; Mansfield, 8; Marlborough, 1; Meriden (city), 2; Middletown (city), 1; Naugatuck, 40; New Britain (city), 9; New Hartford, 1; New Haven, 14; New London, 26; New Milford, 1; Newtown, 1; Norwalk (city), 20; Norwalk (town), 1; Norwich (city), 2; Old Saybrook, 1; Plainfield, 2; Plymouth, 40+; Pomfret, 30; Prospect, 10; Putnam, 2; Redding, 1; Roxbury, 3; Salisbury, 2; Seymour, 1; Southbury, 2; Southington, 46; Stafford, 1; Stamford (city), 11; Sterling, 1; Stonington, 5; Stratford, 12; Suffield, 1; Trumbull, 2; Voluntown, 4; Wallingford ("epidemic"); Waterbury (city), 30; Waterbury (town), 1; Waterford, 5; Wesport, 2; Wethersfield, 1; Willimantic (city), 21; Wilton, 1; Windham, 2.—Total 681+ in 76 towns.

Scarlet Fever.—Ansonia, 1; Bridgeport, 13; Canton, 1; Chatham, 3; Chatham, 1; East Granby, 1; Granby, 2; Groton, 3; Groton (borough), 1; Hartford, 25; Manchester, 1; Meriden (city), 1; Middlebury, 4; Middletown (city), 2; Naugatuck, 5; New Britain (city), 8; New Canaan (town and borough), 2; New Hartford, 2; New Haven, 12; New London, 1; New Milford, 1; Norwalk (city), 4; Norwich (city), 1; Oxford, 1; Plainfield, 1; Pomfret, 1; Seymour, 3; Shelton (borough), 1; Southington, 2; South Norwalk (city), 5; Sprague, 1; Stamford (city), 4; Suffield, 1; Torrington (town and borough), 1; Wallingford, 1; Waterbury (city), 40; Waterbury (town), 5; Westbrook, 1; West Hartford, 2; West Haven (borough), 1; Wilton, 1; Windsor, 1; Winsted (borough), 1.—Total, 166 in 40 towns.

Cerebro Spinal Fever.—Ashford, 3; Hartford, 2; Meriden (city), 2; New Haven, 2; Thompson, 1.—Total, 10 cases in 5 towns.

Diphtheria and Croup.—Avon, 1; Bethlehem, 5; Bridgeport, 12; Bristol, 5; Burlington, 1; Canton, 2; Darien, 2; Greenwich, 2; Hamden, 2; Hartford, 15; Huntington, 3; Meriden (city), 3; Middletown (city), 2; New Britain, 1; New Haven, 22; New Milford, 1; Norfolk, 5; North Haven, 1; Norwalk, 1; Norwich (city), 1; Oxford, 2; Shelton (borough), 1; Southbury, 3; Southington, 4; Stamford (city), 1; Stratford, 1; Torrington (town and borough), 1; Wallingford, 1; Waterbury (city), 5; West Hartford, 1; Winchester, 3; Windsor, 2; Winsted (borough), 6; Wolcott, 2.—Total, 120 cases in 32 towns.

Whooping Cough.—Ansonia, 23+; Bridgeport, 1; Canton, "epidemic in one School District, not severe"; Derby, "many"; Greenwich, 1; Hartford, 3; Harwinton, 5; Hebron, 30; Huntington, 4; Manchester, 1; New Britain (city), 3; Plymouth, 1; Ridgefield (town and borough), "prevalent"; Shelton (borough), 44; South Norwalk (city), 1; Stamford (city), 18; Waterbury, 6; West Haven (borough), 2.—Total, 143+ cases in 17 towns.

Typhoid Fever.—Ansonia, 4; Bridgeport, 3; Bristol, 2; Derby, 1; East Haddam, 1; Enfield, 1; Greenwich, 1; Hartford, 7; Meriden (city), 1; Naugatuck, 1; New Haven, 11; New London, 1; North Canaan, 1; Redding, 1; South Norwalk (city), 2; South Windsor, 1; Stamford (city), 1; Thompson, 1; Waterbury (city), 4; West Haven (borough), 1.—Total, 46 cases in 20 towns.

Consumption.—Ansonia, 2; Bridgeport, 9; East Lyme, 2; Hartford, 11; Middletown (city), 4; Milford, 1; Naugatuck, 1; New London, 1; Norwalk (city), 1; Salem, 1; Southington, 1; South Norwalk (city), 1; Sterling, 1; Thomaston, 1; Waterbury (city), 10; Willimantic (city), 1; Woodbridge, 1.—Total, 49 cases in 17 towns.

*Twelve delayed certificates for March have been received since the publication of the last Bulletin.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Barkhamsted, Berlin, Bethany, Bolton, Bozrah, Branford (town and borough), Bridgewater, Brookfield, Canaan, Chaplin, Chester, Clinton, Colebrook, Columbia, Cornwall, Cromwell, Danbury, Eastford, East Haven, Easton, East Windsor, Ellington, Essex, Fairfield, Farmington, Guilford, Hartland, Jewett City (borough), Lebanon, Litchfield (town and borough), Meriden, Monroe, Montville, Morris, New Fairfield, Newington, North Branford, North Stonington, Norwich, Old Lyme, Orange, Plainville, Portland, Preston, Rockville (city), Rocky Hill, Saybrook, Scotland, Sherman, Simsbury, Somers, Stafford Springs (borough), Stamford, Tolland, Union, Vernon, Warren, Washington, Weston, Windsor Locks, Woodbury, Woodstock.—Total, 62.

All the Health Officers of Hartford, New Haven, Fairfield and Windham Counties have reported, but the Health Officers of the following Towns have not reported:

New London Co.—Lisbon, Stonington (borough).
Litchfield Co.—Kent, Sharon.
Middlesex Co.—Middletown, Haddam, Killingworth, Middlefield.
Tolland Co.—Willington.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Brooklyn, 1; Haddam, 1; Ledyard, 1; Plymouth, 2.—Total, 5.

Scarlet Fever.—Seymour, 2.

La Grippe.—Chaplin, 1; Colebrook, 1; East Windsor, 2; Glastonbury, 1; Hampton, 1; Preston, 1; Redding, 2; Ridgefield, 2; Scotland, 1; Waterford, 1.—Total, 13.

Diphtheria and Croup.—Bethlehem, 1; Norfolk, 2.—Total, 3.

Typhoid Fever.—New Fairfield, 1.

Consumption.—Beacon Falls, 1; Berlin, 1; Bethel, 2; Brookfield, 1; Chatham, 1; Darien, 1; East Haddam, 1; Griswold, 2; Hamden, 1; Mansfield, 1; Monroe, 1; Montville, 1; New Canaan, 2; Norfolk, 1; Portland, 1; Rocky Hill, 1; Sprague, 1; Stafford, 2; Watertown, 1; West Hartford, 1; Wilton, 1; Woodbridge, 1; Woodbury, 1; Woodstock, 1.—Total, 28.

Report of specimens examined at the Bacteriological Laboratory during the month of April:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis	9	14	..	23
release	4	4	1	9
Tuberculosis	18	37	..	55
Typhoid fever	4	9	..	13
Total specimens examined				100

THE BACTERIOLOGICAL LABORATORY.

The State Bacteriological laboratory has been open since the middle of January for the examination of specimens for diagnostic purposes in cases of diphtheria, pulmonary tuberculosis and typhoid. While its success so far has been very gratifying, there are still many towns and even some cities, aside from those having municipal laboratories, that have not yet sent in a single specimen.

The advantages of the laboratory are so evident it seems strange that more physicians do not avail themselves of its privileges. These examinations may often protect a community from extensive infection by detecting a disease at its outset and controlling convalescents from it until they are no longer capable of communicating it to others.

The season is now approaching when typhoid fever is most prevalent. There were more than a thousand cases of this disease occurring in the state last year, reported to this Board, with one hundred and seventy-three deaths, and yet typhoid fever is a preventable disease. Every case comes from one preceding it and a mild and undiagnosed case may be the beginning of a serious epidemic. Many lives might be saved by a timely bacteriological examination and the danger of conveying the disease to others prevented. Any continued fever should be considered a possible typhoid, until it has been disproved to be such by a bacteriological examination and the development of its symptoms. When the means are at hand for an accurate diagnosis at little trouble and no expense we should not employ any guess work. Physicians are therefore urged to make use of the laboratory, especially in all cases where typhoid can in any way be suspected. The blood of a typhoid patient will seldom give a reaction before the end of the first week of the disease. A positive reaction is almost certain evidence that the patient is suffering from or has recently had typhoid. A negative result has no significance and subsequent specimens should be examined if the diagnosis is still in doubt.

Outfits with full directions for collecting the specimens can be obtained from the Town Health Officers, who are the agents of the laboratory for their distribution. Health Officers should see that they are supplied with these outfits, and physicians unable to procure them should notify this office.

Respectfully submitted,

J. H. Townsend, M.D.,
Secretary of State Board of Health and Superintendent of Vital Statistics.

Hartford, May 15, 1906.

METEOROLOGICAL REPORT FOR THE MONTH OF APRIL, 1906.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.83	29.92	34	40	38	47	29	18	37	39	N W	17	N	12	314	26	0	Clear	Clear	Clear
2	30.14	30.28	33	38	37	49	29	16	56	30	N W	14	N W	6	231	22	0	Clear	Clear	Clear
3	30.46	30.33	30	42	40	52	28	3	46	60	N	8	S	4	158	13	0	Clear	Clear	Clear
4	30.16	29.85	41	60	49	65	33	32	61	60	S E	2	W	12	171	21	T	Clear	Light Rain	Partly Cl'dy
5	29 91	29.75	46	50	51	60	42	18	61	71	N W	8	S W	2	186	15	.01	Partly Cl'dy	Cloudy	Partly Cl'dy
6	29.54	29.88	45	43	44	49	38	11	74	48	N W	12	N W	15	333	28	.13	Partly Cl'dy	Partly Cl'dy	Cloudy
7	30.07	30.06	38	47	42	52	33	19	58	43	N W	6	N W	6	185	20	0	Clear	Cloudy	Clear
8	30.21	30.37	42	48	44	54	35	19	44	44	N	10	N E	2	193	16	0	Clear	Partly Cl'dy	Clear
9	30.42	30.16	42	39	38	43	34	9	62	100	E	11	E	24	402	40	1.29	Cloudy	Light Rain	Cloudy
10	29.90	29.88	40	49	46	55	38	17	83	86	N	6	E	4	255	40	1.43	Cloudy	Light Rain	Cloudy
11	29.96	30.02	46	48	46	56	37	19	68	73	N W	10	N W	10	212	15	T	Clear	Cloudy	Partly Cl'dy
12	30.09	30.17	46	49	48	56	40	16	68	67	N W	7	N W	6	253	22	0	Cloudy	Partly Cl'dy	Partly Cl'dy
13	30.37	30.36	42	46	45	54	36	18	62	68	N E	10	S W	12	211	14	0	Clear	Clear	Clear
14	30.30	30.10	43	51	46	53	39	14	70	94	S	8	S E	8	212	17	0	Clear	Cloudy	Partly Cl'dy
15	29.96	29.97	50	55	54	59	48	11	98	76	S	14	N W	5	204	18	1.26	Light Rain	Clear	Cloudy
16	30.14	30.20	49	52	52	60	43	17	67	46	N W	12	N W	11	231	18	0	Clear	Clear	Clear
17	30.28	30.20	47	59	52	66	39	27	49	47	N	13	N	5	245	18	0	Clear	Clear	Clear
18	30.28	30.18	55	66	59	72	46	26	57	34	N	4	N W	6	172	18	0	Clear	Clear	Clear
19	30.17	30.12	49	52	54	63	44	19	64	75	S E	6	S E	9	156	15	0	Clear	Clear-	Clear
20	30.02	29.89	50	53	54	63	45	18	74	81	S E	7	S W	5	130	10	0	Clear	Partly Cl'dy	Cloudy
21	29 82	29.69	53	57	59	73	45	28	78	77	W	3	S	5	181	22	T	Cloudy	Clear	Partly Cl'dy
22	29.76	29.70	50	54	53	60	46	14	64	73	N	12	S	3	204	16	T	Cloudy	Clear	Partly Cl'dy
23	29.60	29.68	43	40	40	46	34	12	77	79	N	8	N W	14	379	25	.20	Clear	Clear	Cloudy
24	29.65	29.60	38	49	46	56	36	20	58	48	N W	24	W	9	404	33	0	Clear	Clear	Clear
25	29.48	29.55	46	47	49	58	40	18	58	42	W	13	N	12	276	22	0	Clear	Clear	Partly Cl'dy
26	29.64	29.69	49	50	51	65	37	28	45	62	N W	18	S	5	222	23	0	Clear	Clear	Partly Cl'dy
27	29.70	29.67	47	63	56	70	41	29	72	46	S	7	W	12	169	15	0	Clear	Clear	Partly Cl'dy
28	29.86	30.04	52	56	54	62	46	16	63	40	N W	8	N W	7	210	22	0	Clear	Clear	Clear
29	30.17	30.13	56	56	52	64	41	23	54	55	E	6	S	9	196	16	0	Partly Cl'dy	Cloudy	Partly Cl'dy
30	30.08	29.95	51	58	55	60	50	10	90	94	S	5	E	2	145	14	.16	Cloudy	Partly Cl'dy	Cloudy
--	----	----	--	--	--	--	--	--	--	--	------	--	------	--	---	--	----	--------	--------	---- ---
Month Ave's.	30.00	29.98	45	51	48	58	39	19	64	62	N W	10	N W	8	228	40	4.48			

SUMMARY.

BAROMETER.

Monthly Mean, 29.99 inches.

Highest, 30.46 in.; Date, 3.

Lowest, 29.48 in.; Date, 25.

Monthly range, .98 inches.

TEMPERATURE.

Monthly Mean, 48 degrees.
Highest, 73 degrees; Date, 21.
Lowest, 28 degrees; Date, 3.
Absolute range, 45 degrees.
Greatest daily range, 32 degrees; Date, 4.
Least daily range, 9 deg.; Date, 9.
Mean daily range, 19 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 260 degrees.

WIND.

Prevailing direction, N W.
Mean hourly velocity, 10 miles.
Max. velocity and direction, 40 N; Date, 9.
Total monthly movement 6840 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 11.
*Greatest 24 hour precipitation, (in. and 100ths), 2.55; Date, 9, 10.
Total monthly precipitation, (in. and 100ths), 4.48 in.
Total depth of snowfall (in.), 00.
Dates of thunder storms, 21, 30.
Accumulated deficiency of precipitation since Jan. 1st, 3.4 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---44	deg.	1890---47	deg.
1874---39	"	1891---49	"
1875---42	"	1892---47	"
1876---46	"	1893---45	"
1877---48	"	1894---47	"
1878---52	"	1895---46	"
1879---45	"	1896---48	"
1880---48	"	1897---48	"
1881---44	"	1898---45	"
1882---44	"	1899---47	"
1883---44	"	1900---48	"
1884---46	"	1901---46	"
1885---46	"	1902---48	"
1886---49	"	1903---49	"
1887---45	"	1904---45	"
1888---43	"	1905---47	"
1889---49	"	1906---48	"

COM. RAINFALL. (Inches and 100ths.)

1873---4.95		1890---2.89	
1874---7.89		1891---2.35	
1875---2.28		1892---1.31	
1876---7.65		1893---3.84	
1877---3.44		1894---2.24	
1878---5.08		1895---3.11	
1879---6.68		1896---1.19	
1880---3.69		1897---2.44	
1881---1.71		1898---4.43	
1882---1.55		1899---1.79	
1883---2.23		1900---1.95	
1884---2.36		1901---9.03	
1885---2.31		1902---3.40	
1886---3.21		1903---2.61	
1887-- 2.75		1904---6.64	
1888---2.57		1905---3.42	
1889---4.01		1906---4.48	

Monthly mean humidity, 63 per cent. Monthly mean dew point, 34. Number of clear days, 12. Number of fair days, 11. Number of cloudy days, 7.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 116 feet. Elevation of rain and snow gauges, 111 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XX

NO. 5

MEMBERS OF THE BOARD

WM. H. BREWER, LL.D., PRES., NEW HAVEN
T. H. MCKENZIE, C.E., SOUTHINGTON
E. K. ROOT, M.D., HARTFORD
A. W. PHILLIPS, M.D., DERBY
LEWIS SPERRY, ESQ., HARTFORD
S. B. OVERLOCK, M.D., POMFRET

J. H. TOWNSEND, M.D., SECRETARY

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF MAY, 1906

Entered at the Post-Office, Hartford, Conn., as Second-Class Mail Matter

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of May, 1906, and a Statement of the Births and Marriages for the Month of April, 1906.

Total estimated population of the State is 989,570.

TOWNS.	Estimated Population.	Living Births in April.	Still Births in April.	Marriages in April.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,850	38	2	2	22	19.0	5	2	31.8	----	1	1	1	1	----	2	----	----	----	----	1	----	3	----	----	3	2	4	3
Branford,	6,339	11	1	2	6	11.3	1	----	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	1	1	2
Bridgeport,	82,061	196	6	56	132	18.8	29	20	37.1	----	6	1	1	2	----	2	1	----	----	----	----	----	13	21	2	7	15	10	51
Bristol,	10,773	19	----	4	16	17.8	4	4	50.0	----	----	----	----	3	----	----	----	----	----	----	----	----	----	2	----	----	3	1	8
Danbury,	19,475	31	2	14	22	13.5	4	2	27.2	----	1	----	----	----	----	----	----	----	----	----	----	----	4	----	2	4	3	1	7
Derby,	8,910	24	1	5	13	17.5	2	5	53.8	----	2	----	----	----	----	2	----	----	----	----	----	----	----	2	----	1	2	1	3
East Hartford,	7,381	8	----	2	6	9.7	1	1	33.3	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	3	1	1
Enfield,	6,449	22	----	9	7	13.0	2	----	28.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	5
Greenwich,	13,192	14	----	9	23	20.9	3	1	17.3	----	----	----	----	----	----	----	----	----	1	----	----	1	2	4	----	3	1	2	9
Groton,	6,173	11	----	1	8	15.5	2	1	37.5	----	----	----	----	1	1	----	----	----	----	----	----	----	----	2	1	----	----	----	3
Hartford,	93,160	166	10	78	112	12.7	14	8	19.6	----	----	1	----	----	1	----	1	4	----	----	2	----	10	9	1	12	14	13	44
Huntington,	6,355	13	----	1	8	15.1	2	1	37.5	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	1	1	----	----	5
Killingly,	6,739	10	----	9	15	26.7	4	1	33.3	----	1	----	----	----	----	----	----	----	----	----	----	----	2	3	----	1	2	----	5
Manchester,	11,790	18	----	8	16	16.2	4	----	25.0	----	----	----	1	1	----	----	----	----	----	----	----	----	3	----	1	4	----	1	5
Meriden,	30,331	59	2	21	54	20.5	14	8	40.7	----	----	----	1	1	----	----	----	----	3	----	2	----	7	6	4	5	5	4	16
Middletown,	18,626	37	2	10	31	10.9	3	1	12.5	----	----	1	----	1	----	----	----	----	----	----	----	1	5	2	1	6	6	2	6
Naugatuck,	12,702	28	1	6	14	13.2	3	1	28.5	----	----	----	----	----	----	----	----	----	----	----	2	----	3	1	----	1	2	1	4
New Britain,	32,799	82	2	18	57	20.4	20	6	45.6	----	5	----	----	3	1	3	----	----	----	----	1	----	7	3	4	5	3	2	20
New Haven,	119,018	277	15	103	193	18.4	33	30	32.6	----	4	----	----	2	----	4	----	5	2	----	3	2	22	33	11	17	6	15	67
New London,	19,443	36	2	14	35	21.6	3	3	17.1	----	----	----	2	----	1	----	----	----	----	----	----	----	3	1	----	4	7	2	15
New Milford,	5,247	10	----	1	11	25.1	2	----	18.1	----	----	----	----	----	----	----	----	----	----	----	1	----	3	----	----	1	2	----	4
Norwalk,	21,024	38	3	7	29	15.9	3	----	10.3	----	----	1	3	----	----	----	----	----	----	----	----	----	2	2	----	4	3	4	10
Norwich,	25,506	62	----	22	39	18.3	5	3	20.5	----	1	----	----	----	----	----	----	----	1	2	----	----	3	3	2	5	9	1	12
Orange,	8,225	11	----	2	7	10.2	1	----	14.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	2	----	3
Putnam,	7,766	9	1	6	11	16.9	2	----	18.1	----	----	----	----	1	----	----	----	----	----	----	----	----	3	----	1	1	----	----	5
Southington,	6,084	13	1	----	14	27.6	4	3	50.0	----	1	2	----	----	----	----	----	----	----	----	----	----	1	2	----	1	1	----	6
Stamford,	20,408	46	1	16	27	15.2	5	1	22.2	----	----	----	----	----	----	3	----	----	----	----	----	----	1	2	----	4	5	1	11
Stonington,	9,218	17	----	4	13	16.9	2	3	38.5	----	2	----	----	----	----	----	----	----	----	----	----	----	----	2	----	2	3	----	4
Thompson,	6,873	12	----	1	5	8.7	1	1	40.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	1	3
Torrington,	15,655	34	----	9	29	22.2	13	3	55.1	----	----	----	1	----	----	----	----	----	----	----	2	----	3	1	----	4	1	1	16
Vernon,	8,321	19	----	1	12	17.3	2	----	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	----	2	1	1	6
Wallingford,	10,209	23	----	2	13	15.2	5	----	38.4	----	----	----	----	----	----	----	----	----	1	----	----	----	1	----	----	4	3	----	4
Waterbury,	60,107	151	9	44	88	17.5	24	13	42.0	----	----	7	----	----	1	----	3	1	----	----	----	1	8	10	7	6	5	4	35
Winchester,	8,553	15	----	7	15	21.0	----	1	6.6	----	----	----	----	----	2	----	1	----	----	----	----	----	1	1	----	2	2	----	6
Windham,	10,189	23	1	4	21	24.7	2	3	23.8	----	----	----	----	----	----	----	----	----	----	----	----	1	3	1	2	2	2	2	8
Total of the 35 above towns,	748,951	1583	62	498	1124	18.0	224	126	22.2	----	24	14	10	17	8	16	6	11	6	1	16	6	114	116	43	113	115	76	412
128 towns of less than 5,000 inhabitants,	233,748	365	20	112	272	13.9	27	13	14.7	----	7	1	5	1	6	2	----	3	----	----	2	6	33	16	8	36	27	12	107
Total reported from 163 towns,	982,699	1948	82	610	1396	17.0	251	139	27.9	----	31	15	15	18	14	18	6	14	6	1	18	12	147	132	51	149	142	88	519
Population of towns not reporting,	6,871																												

The Mortality in Public Institutions of the State was: in Bridgeport, 19; in Hartford, 35; in Meriden, 6; in Middletown, 15; in New Britain, 9; in New Haven, 39; in New London, 5; in Norwalk, 6; in Norwich, 6; in Stamford, 1; and in Waterbury, 7. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in May: Andover, Bethany, Columbia, Cromwell, East Haddam, Easton, Franklin, Goshen, Killingworth, Litchfield, Lyme, Marlborough, Middlebury, New Hartford, North Branford, North Haven, Pomfret, Prospect, Salem, Sherman, Southbury, South Windsor, Sterling, Union, Warren, Westbrook, Weston, Willington.—Total, 28.

The Registrars of the following towns have made no report for May: Chaplin, Essex, Kent, Trumbull, Voluntown,—Total, 5.

REMARKS.

By mortality reports received there were 1396 deaths during the month of May. This was 34 less than in April, and 197 more than in May of last year, and 209 more than the average number of deaths during May for the five years preceding.

	1006	1905	1004	1003	1902	1901
January,	1,340	1,412	1,440	1,420	1,172	1,439
February,	1,235	1,368	1,387	1,303	1,124	1,381
March,	1,489	1,577	1,525	1,421	1,239	1,441
Total first quarter,	4,064	4,357	4,352	4,144	3,535	4,261
April,	*1,430	1,329	1,377	1,245	1,191	1,253
May,	1,396	1,199	1,317	1,265	1,100	1,056

The death rate was 18.0 for the large towns, for the small towns, 13.9 and for the whole state 17.0.

The deaths reported from infectious diseases were 285, being 20.4 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Putnam, 12.

Measles.—Andover, 3; Ansonia, 5; Avon, 3; Barkhamsted, 7; Beacon Falls, 14; Bloomfield, 9; Branford, 12; Bridgeport, 41; Bristol, 42; Burlington, 1; Chatham, 22+; Cheshire, 2; Chester, 1; Colchester (town and borough), 3; Cromwell, 20; Coventry, 16; Danbury (city), 4; Derby, 13; Durham, 6; East Hartford, 10; East Haven, 1; Fairfield 3; Farmington, 1; Glastonbury, 66+ (epidemic); Greenwich, 6; Groton (town), 5; Groton (borough), 1; Hamden, 3; Hartford, 64; Huntington, 2; Killingly, 6; Ledyard, 1; Lyme, 11; Madison, 15; Mansfield, 6; Meriden (city), 2; Meriden (town), 2; Middletown (city), 10; Monroe, 1; Montville, 1; New Britain, 34; New Canaan, 1; New Hartford, "epidemic"; New Haven, 32; New London, 34; Newtown, 1; North Haven, 2; Norwalk (city), 3; Norwalk (town), 2; Norwich (city), 1; Old Lyme, 1; Plymouth "(about) 50, epidemic"; Preston, 1; Redding, 4; Ridgefield, 1; Rocky Hill (epidemic); Seymour, 1; Shelton (borough), 1; Southington, 56; South Norwalk (city), 17; South Windsor, 3; Stamford (city), 30; Trumbull, 2; Wallingford, "epidemic"; Waterbury, 14; Waterford, 19; Watertown, 2; Westbrook, 1; West Hartford, 3; West Haven (borough), 1; Westport, 1; Willimantic (city), 10; Winsted (borough), 2; Woodbridge, 1.—Total, 772+ cases in 70 towns.

Scarlet Fever.—Ansonia, 5; Barkhamsted, 1; Berlin, 1; Bridgeport, 22; Bristol, 1; Derby, 1; East Lyme, 1; Farmington, 1; Hamden, 3; Hartford, 17; Madison, 1; Meriden (city), 2; Middletown (city), 2; New Britain, 10; New Canaan, 4; New Haven, 10; New London, 2; New Milford, 3; Norwalk (city), 9; Norwalk (town), 1; Norwich (city), 1; Plainville, 2; Preston, 1; Roxbury, 11; Shelton (borough), 1; Southington, 17; South Norwalk (city), 4; South Windsor, 1; Sprague, 3; Stamford (city), 7; Suffield, 1; Waterbury, 35; Watertown, 1; West Hartford, 1; Westport, 1; Willimantic (city), 1; Winchester, 1; Windsor, 2; Winsted (borough), 1.—Total, 188 in 38 towns.

Cerebro Spinal Fever.—Ansonia, 2; Chaplin, 1; Hartford, 2; Meriden (city), 1; New Britain, 2; New Haven, 2; West Haven (borough), 1; Westport, 1.—Total, 12 cases in 8 towns.

Diphtheria and Croup.—Avon, 1; Bridgeport, 7; Bristol, 4; Cornwall, 10; Danbury (city), 1; Farmington, 1; Greenwich, 3; Groton (town), 5, (borough), 2; Hartford, 15; Huntington, 2; Ledyard, 1; Meriden (city), 2; New Britain, 4; New Haven, 17; New London, 3; New Milford, 1; Norwalk (city), 1; Plymouth, 2; Redding, 1; South Norwalk (city), 1, Stamford (city), 2; Waterbury, 11; Watertown, 1; Winchester, 2; Windham, 1; Winsted (borough), 1; Wolcott, 1.—Total, 101 cases in 27 towns.

Whooping Cough.—Ansonia, 32; Derby, "many"; Granby, 3+; Greenwich, 13; Hartford, 2; Harwinton, 4; Hebron, 9; Huntington, 19; New Britain, 1; Plymouth, 2; Portland, 3+; Seymour, 2; South Norwalk (city), 8; South Windsor, 1; Stamford (city), 21; Thomaston, 1; Waterbury, 12; Watertown, 1. West Haven (borough). "mild epidemic."—Total, 134+ cases in 19 towns.

Typhoid Fever.—Ansonia, 1; Bridgeport, 2; Bristol, 3; Hartford, 8; Jewett City (borough), 1; Killingly, 1; Meriden (city), 1; New Britain, 1; New Haven, 12; New London, 2; Newtown, 1; North Canaan, 1; Plainville, 1; Pomfret, 1; Southington, 1; Stamford (city); Thomaston, 1; Wallingford, 1; Waterbury, 4.—Total, 44 cases in 19 towns.

Consumption.—Ansonia, 1; Branford, 1; Bridgeport, 9; Chaplin, 1; Chatham, 2; Cornwall, 1; East Lyme, 2; Farmington, 2; Hartford, 26; Killingly, 2; Middletown (city), 1; Middletown (town), 1; Norwalk (city), 1; Norwich (city), 1; Plymouth, 1; Preston, 3; Putnam, 1; Rocky Hill, 1; South Norwalk (city), 1; Stamford (city), 1; Thomaston, 1; Waterbury, 16; Westbrook, 1; Willimantic (city), 1.—Total, 78 cases in 23 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Ashford, Bethany, Bethel, Bethlehem, Bolton, Bozrah, Brooklyn, Canterbury, Canaan, Clinton, Colebrook, Columbia, Danbury, Eastford, East Granby, East Haddam, Easton, East Windsor, Ellington, Enfield, Franklin, Goshen, Griswold, Hampton, Kent, Killingworth, Lebanon, Lisbon, Litchfield (town and borough), Marlborough, Middlebury, Milford, Morris, New Fairfield, Newington, Norfolk, North Branford, North Stonington, Norwich, Old Saybrook, Orange, Oxford, Plainfield, Prospect, Ridgefield (borough), Rockville (city), Salem, Salisbury, Saybrook, Scotland, Sharon, Sherman, Simsbury, Somers, Southbury, Stafford, Stafford Springs (borough), Stamford, Sterling, Stonington, Stratford, Thompson, Tolland, Torrington, Union, Vernon, Voluntown, Warren, Weston, Wethersfield, Willington, Wilton, Windsor Locks, Woodbury, Woodstock,—Total, 72.

*Sixteen delayed certificates for April have been received since the publication of the last Bulletin.

All the Health Officers of Windham and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

HARTFORD CO.—Canton, Hartland, Manchester.
NEW HAVEN CO.—Naugatuck.
NEW LONDON CO.—Stonington (borough).
FAIRFIELD CO.—Brookfield, Darien.
LITCHFIELD CO.—Washington.
MIDDLESEX CO.—Essex, Haddam, Middlefield.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Brooklyn, 1; Canterbury, 1; Plymouth, 4; Woodstock, 1.—Total, 7.

Scarlet Fever.—Sprague, 1.

La Grippe.—Fairfield, 1; Scotland, 1; Seymour, 1; Sprague, 1; Westport, 1.—Total, 5.

Cerebro Spinal Fever.—Berlin, 1.

Diphtheria and Croup.—Cornwall, 2; Ledyard, 1; Plymouth, 1; Watertown, 1; Wolcott, 1.—Total, 6.

Whooping Cough.—Hebron, 1; Plymouth, 1.—Total, 2.

Typhoid Fever.—Griswold, 1; Newtown, 1; Woodbridge, 1.—Total, 3.

Consumption.—Brooklyn, 2; Chatham, 3; Colchester, 1; Darien, 2; East Windsor, 1; Farmington, 1; Glastonbury, 1; Griswold, 2; Haddam, 1; Hamden, 1; New Canaan, 1; Newington, 1; Newtown, 2; Old Lyme, 1; Plainfield, 1; Plainville, 1; Plymouth, 2; Portland, 2; Preston, 1; Rocky Hill, 1; Sprague, 1; Stratford, 1; Thomaston, 1; Tolland, West Hartford, 1.—Total, 33.

Report of specimens examined at the Bacteriological Laboratory during the month of May:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis	5	13	..	18
release	9	2	1	12
Tuberculosis	20	58		78
Typhoid Fever	3	9		12
Total specimens examined				120

MOSQUITOES.

Not only do some mosquitoes cause malaria, but the more common varieties, while they do not so far as known cause any sickness, are a nuisance by reason of their bites and render some localities almost uninhabitable.

When they are swarming about in the latter part of the summer, it would seem that any attempt to exterminate them would be well nigh hopeless; but most of the mosquitoes die with the coming of cold weather and the next season's crop are all bred from a few eggs or mosquitoes that have survived the winter. With the advent of warm weather these mosquitoes crawl out of their winter quarters and begin to lay their eggs. When we realize that each female lays from 200 to 400 eggs at a time and under favorable conditions full grown mosquitoes will develop from these eggs in about two weeks, passing through possibly as many as twelve generations in a season, it can readily be seen where all the mosquitoes of the late summer and fall come from and how much can be accomplished in the way of extermination, if work is commenced before they begin to multiply.

They do not usually fly far, so that each community breeds its own mosquitoes in old cans, rain-barrels, undrained puddles or any quiet pool of water. They never breed except in water. Wet grass, while it will attract the mosquitoes, is not a breeding place. Therefore no possible spot where water can accumulate should be overlooked. I saw a few days ago in the country, an unused hog trough, filled with rain-water, that was breeding mosquitoes sufficient to infest the neighborhood. All such artificial breeding places should be emptied of their water, rain-barrels should be covered, pools of water drained or filled in, and pools that cannot be drained should be sprayed with petroleum or stocked with such fish as will feed on the eggs and larvae.

As the mosquitoes go on laying and hatching until November, it is necessary to keep up the fight until that time.

Respectfully submitted,

J. H. TOWNSEND, M.D.,

Secretary of State Board of Health and Superintendent of Vital Statistics.

NEW HAVEN, June 15, 1906.

METEOROLOGICAL REPORT FOR THE MONTH OF MAY, 1906.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29.98	29.99	57	63	60	71	49	22	66	35	W	12	N	5	208	24	0	Clear	Clear	Clear
2	29.94	29.61	51	55	54	61	47	14	96	94	N E	5	S E	6	136	15	.18	Cloudy	Light Rain	Cloudy
3	29.50	29.73	65	56	59	68	50	18	59	63	W	22	N	15	357	34	.03	Clear	Partly Cl'dy	Partly Cl'dy
4	29.89	29.75	51	55	53	63	43	20	71	82	S	6	S	12	194	15	0	Clear	Clear	Clear
5	29.73	29.74	54	62	62	74	50	24	100	64	S	10	N	9	145	12	T	Foggy	Cloudy	Partly Cl'dy
6	29.75	29.81	59	55	58	65	51	14	48	76	N	10	N	6	157	12	.05	Cloudy	Light Rain	Cloudy
7	29.85	29.98	47	54	53	60	46	14	86	70	N	15	S W	7	184	18	.45	Cloudy	Cloudy	Cloudy
8	30.16	30.18	49	52	52	60	43	17	51	68	N W	8	S W	7	270	24	T	Clear	Clear	Clear
9	29.99	29.99	52	47	49	56	42	14	78	86	S E	6	S W	7	234	28	T	Cloudy	Cloudy	Cloudy
10	29.92	30.05	45	45	46	52	39	13	64	71	N W	13	S W	10	257	24	T	Clear	Clear	Cloudy
11	30.22	30.27	44	30	48	58	37	21	56	70	N W	13	S W	12	218	18	.11	Clear	Light Rain	Clear
12	30.30	30.05	50	49	53	64	42	22	85	70	S W	2	S	7	196	19	T	Clear	Cloudy	Partly Cl'dy
13	30.04	30.07	69	72	72	86	58	28	62	59	S W	10	N W	6	298	32	0	Clear	Cloudy	Partly Cl'dy
14	30.22	30.35	55	51	54	64	45	19	85	82	N	14	S	6	148	17	.18	Light Rain	Clear	Cloudy
15	30.49	30.39	52	56	52	64	41	23	64	71	N E	9	S	9	206	18	0	Clear	Clear	Clear
16	30.22	30.09	57	66	66	82	50	32	76	71	S E	7	S	4	169	18	0	Clear	Clear	Clear
17	30.10	29.95	68	68	68	77	58	19	65	78	N W	2	S W	3	154	18	.07	Partly Cl'dy	Cloudy	Partly Cl'dy
18	29.89	29.77	70	73	76	88	63	25	77	60	W	5	S W	4	173	18	0	Partly Cl'dy	Clear	Partly Cl'dy
19	29.71	29.68	77	67	72	87	57	30	56	40	W	7	N	20	249	28	0	Clear	Clear	Clear
20	29.88	29.98	59	60	60	69	50	19	49	43	N	15	N	9	282	24	0	Clear	Clear	Clear
21	30.24	30.27	49	54	51	61	41	20	48	70	N E	9	S E	11	257	18	0	Clear	Partly Cl'dy	Clear
22	30.36	30.29	54	56	55	66	44	22	72	70	S E	8	S	10	199	17	0	Clear	Clear	Clear
23	30.25	30.15	58	61	58	72	45	27	69	60	S W	6	S W	9	199	18	0	Clear	Clear	Clear
24	30.08	29.98	64	70	68	83	54	29	60	57	S W	5	S	3	184	22	T	Clear	Cloudy	Partly Cl'dy
25	29.95	29.89	68	68	72	83	62	21	74	68	S W	9	S W	6	283	31	0	Partly Cl'dy	Clear	Partly Cl'dy
26	29.87	29.80	64	66	68	76	59	17	79	80	S W	13	S W	14	302	23	0	Cloudy	Partly Cl'dy	Partly Cl'dy
27	29.74	29.63	62	65	59	68	50	18	100	97	S	8	S	12	268	23	.70	Couldy	Light Rain	Cloudy
28	29.64	29.66	47	47	48	50	46	4	93	100	N	24	N E	22	496	35	2.71	Light Rain	Light Rain	Cloudy
29	29.77	29.93	48	59	56	66	46	20	76	72	N	18	N W	9	371	28	.27	Partly Cl'dy	Clear	Partly Cl'dy
30	30.09	30.03	56	60	57	70	44	26	57	68	N W	10	S W	12	213	20	0	Clear	Cloudy	Clear
31	30.03	29.92	58	60	62	70	55	15	85	89	S W	6	S	3	118	12	T	Partly Cl'dy	Clear	Cloudy
Month Ave's.	29.99	29.97	57	59	59	69	49	20	70	70	S W	10	S W	9	223	34	4.75			

SUMMARY.

BAROMETER.

Monthly Mean, 29.98 inches.

Highest, 30.49 in.; Date, 15.

Lowest, 29.50 in.; Date, 3.

Monthly range, .99 inches.

TEMPERATURE.

Monthly Mean, 59 degrees.
Highest, 88 degrees; Date, 18.
Lowest, 37 degrees; Date, 11.
Absolute range, 51 degrees.
Greatest daily range, 32 degrees; Date, 16.
Least daily range, 4 deg.; Date, 28.
Mean daily range, 20 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 294 degrees.

WIND.

Prevailing direction, S.
Mean hourly velocity, 9 miles.
Max. velocity and direction, 35 N; Date, 28.
Total monthly movement 7125 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 17.
*Greatest 24 hour precipitation, (in. and 100ths), 3.02; Date, 27,28.
Total monthly precipitation, (in. and 100ths), 4.75 in.
Total depth of snowfall (in.), 00.
Dates of thunder storms, 5, 17, 18.
Accumulated deficiency of precipitation since Jan. 1st, .76 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---56 deg.	1890---57 deg.	1873---6.27	1890---4.24
1874---56 "	1891---56 "	1874---4.92	1891---1.92
1875---57 "	1892---56 "	1875---2.71	1892---5.11
1876---58 "	1893---57 "	1876---3.12	1893---7.08
1877---58 "	1894---58 "	1877---2.14	1894---4.49
1878---57 "	1895---59 "	1878---3.75	1895---1.70
1879---59 "	1896---62 "	1879---3.22	1896---3.67
1880---64 "	1897---58 "	1880---1.24	1897---5.03
1881---58 "	1898---56 "	1881---3.89	1898---8.03
1882---51 "	1899---58 "	1882---5.05	1899---2.52
1883---57 "	1900---58 "	1883---4.52	1900---3.30
1884---56 "	1901---55 "	1884---3.32	1901---6.38
1885---55 "	1902---58 "	1885---2.01	1902---1.61
1886---57 "	1903---60 "	1886---2.74	1903---0.31
1887---61 "	1904---61 "	1887---0.18	1904---2.94
1888---56 "	1905---58 "	1888---6.03	1905---1.18
1889---60 "	1906---59 "	1889---3.81	1906---4.75

COM. RAINFALL. (Inches and 100ths.)

Monthly mean humidity, 70 per cent. Monthly mean dew point, 48. Number of clear days, 12. Number of fair days, 10. Number of cloudy days, 9.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 116 feet. Elevation of rain and snow gauges, 111 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XX

No. 6

MEMBERS OF THE BOARD

WM. H. BREWER, LL.D., PRES., NEW HAVEN
T. H. MCKENZIE, C.E., SOUTHINGTON
E. K. RODT, M.D., HARTFORD
A. W. PHILLIPS, M.D., DERBY
LEWIS SPERRY, ESQ., HARTFORD
S. B. OVERLOCK, M.D., POMFRET

J. H. TOWNSEND, M.D., SECRETARY

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JUNE, 1906

Entered at the Post-Office, Hartford, Conn., as Second-Class Mail Matter

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of June, 1906, and a Statement of the Births and Marriages for the Month of May, 1906.

Total estimated population of the State is 989,570.

TOWNS.	Estimated Population.	Living Births in May.	Still Births in May.	Marriages in May.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,850	29	1	13	21	18.1	9	---	42 8	---	---	---	---	---	---	1	---	---	---	---	5	---	1	1	2	1	3	1	6
Branford,	6,339	10	1	2	7	13.2	1	1	28.5	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5
Bridgeport,	82,061	202	12	92	125	17.8	35	15	40.0	---	4	---	---	2	2	2	1	---	---	---	18	---	12	7	1	12	13	11	40
Bristol,	10,773	17	---	4	10	11.1	1	1	20.0	---	1	---	---	1	---	---	---	---	---	---	1	---	---	---	---	1	---	---	6
Danbury,	19,475	37	1	6	21	11.7	4	---	19 0	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	---	2	7	3	7
Derby,	8,910	21	1	19	12	16.0	4	2	50.0	---	---	---	---	---	---	---	---	---	---	---	2	---	1	2	1	3	---	1	2
East Hartford,	7,381	14	3	3	1	1.6	---	1	100.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Enfield,	6,449	25	1	13	8	14.8	1	---	12 5	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	3	---	4
Greenwich,	13,192	13	1	6	16	14.5	3	1	25.0	---	---	---	---	---	---	---	---	---	---	---	1	---	1	---	2	---	---	2	10
Groton,	6,173	8	---	4	4	7.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	2
Hartford,	93,160	194	5	69	140	15.0	21	9	21 4	---	1	---	---	---	2	1	---	1	---	---	3	2	21	5	2	10	18	13	61
Huntington,	6,355	14	---	3	7	13.2	2	2	57.1	---	---	---	---	---	1	---	---	---	---	---	2	---	---	---	1	---	1	---	2
Killingly,	6,739	9	---	9	8	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	---	1	---	1	4
Manchester,	11,790	25	---	8	14	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	1	---	2	2	1	6
Meriden,	30,331	75	4	16	31	11.1	5	1	19 3	---	---	---	---	---	---	---	---	1	---	---	1	---	1	3	3	4	4	2	12
Middletown,	18,626	40	3	16	31	13.5	6	2	25.8	---	---	---	---	---	---	---	---	---	---	---	2	2	3	1	---	5	3	1	14
Naugatuck,	12,702	27	---	8	11	10.3	1	---	9.0	---	---	---	---	---	---	---	1	---	---	---	---	---	2	---	---	1	1	---	6
New Britain,	32,799	97	2	54	38	13.8	9	7	42 1	---	1	---	---	---	1	1	---	---	---	---	2	---	6	3	3	4	3	1	13
New Haven,	119,018	266	14	96	208	20.2	58	24	39 4	---	13	---	---	4	5	2	---	1	2	---	20	1	22	27	5	16	8	12	70
New London,	19,443	48	2	15	22	12.9	2	2	18.2	---	---	---	1	---	---	---	---	---	---	---	---	---	1	1	1	3	3	1	11
New Milford,	5,247	3	---	5	5	11.4	2	---	40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	---	---	---	---	3
Norwalk,	21,024	33	2	11	19	10.7	---	2	10.5	---	---	---	---	---	---	---	---	---	---	---	---	---	2	2	1	3	1	1	9
Norwich,	25,506	32	---	14	30	12.7	3	2	16.6	---	---	---	---	---	---	---	---	1	---	---	---	---	2	3	1	11	3	4	5
Orange,	8,225	11	1	1	11	16.0	3	2	45.4	---	1	---	---	---	---	---	---	---	---	---	1	---	---	1	---	3	1	2	2
Putnam,	7,766	8	1	5	10	15 4	1	1	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	2	---	---	1	---	1	6
Southington,	6,084	10	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Stamford,	20,408	38	5	13	37	19.9	6	3	21.6	---	---	---	---	---	1	---	---	---	1	---	2	1	4	2	---	4	1	5	16
Stonington,	9,218	14	1	4	12	15.6	1	2	25.0	---	---	---	---	---	---	---	---	---	---	---	1	---	2	---	---	2	2	---	5
Thompson,	6,873	12	---	7	3	5.2	---	1	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	2
Torrington,	15,655	42	---	11	14	10.7	6	---	42.8	---	---	---	---	---	---	1	---	1	---	---	---	---	---	1	---	4	1	---	6
Vernon,	8,321	7	1	8	7	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	2	1	3
Wallingford,	10,209	16	1	3	11	12.9	2	---	18.1	---	---	---	---	---	---	---	---	---	---	---	---	---	3	---	---	2	---	---	6
Waterbury,	60,107	142	6	45	86	16.9	38	6	51.1	---	---	1	---	---	---	1	1	---	---	---	11	2	6	11	3	6	2	8	34
Winchester,	8,553	14	1	5	13	15.4	2	---	15.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	---	1	10
Windham,	10,189	24	2	6	14	16.4	4	1	35 7	---	---	---	---	---	---	---	---	---	---	---	---	---	3	2	1	2	1	---	5
Total of the 35 above towns,	748,951	1577	72	597	1007	16.1	230	88	31.5	---	21	1	2	7	12	9	3	5	3	---	72	8	99	78	28	107	84	74	394
128 towns of less than 5,000 inhabitants,	234,748	310	25	101	231	11.8	28	10	16.4	---	1	2	3	---	2	2	---	---	---	---	3	5	14	15	7	28	23	20	106
Total reported from 163 towns,	983,721	1887	97	698	1238	15.1	258	98	28.7	---	22	3	5	7	14	11	3	5	3	---	75	13	113	93	35	135	107	94	500
Population of towns not reporting,	5,849																												

The Mortality in Public Institutions of the State was: in Bridgeport, 14; in Danbury, 4; in Hartford, 57; in Meriden 5; in Middletown, 13; in New Britain, 6; in New Haven, 33; in New London, 4; in Norwalk, 3; in Norwich, 3; in Stamford, 8; in Waterbury, 7; and in Winchester, 3. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in June: Ashford, Bethany, Bethlehem, Bolton, Bozrah, Canaan, Chaplin, Cheshire, Columbia, Cromwell, Eastford, Easton, Franklin, Goshen, Hampton, Hebron, Killingworth, Marlborough, Middlebury, Montville, Morris, New Fairfield, Newington, North Stonington, Plainville, Pomfret, Preston Rocky Hill, Salem, Saybrook, Scotland, Sharon, Sherman, Southington, Warren, Weston, Willington.—Total, 37.

The Registrars of the following towns have made no report for June: Beacon Falls, Brookfield, Essex, Union, Westbrook.—Total, 5.

REMARKS.

By mortality reports received there were 1238 deaths during the month of June. This was 166 less than in May, and 51 less than in June of last year, and 157 more than the average number of deaths during June for the five years preceding.

	1906	1905	1904	1903	1902	1901
January,	1,340	1,412	1,440	1,420	1,172	1,439
February,	1,235	1,368	1,387	1,303	1,124	1,381
March,	1,489	1,577	1,525	1,421	1,239	1,441
Total first quarter,	4,064	4,357	4,352	4,144	3,535	4,261
April,	1,430	1,329	1,377	1,245	1,191	1,253
May,	*1,404	1,199	1,317	1,265	1,100	1,056
June,	1,238	1,289	1,129	1,163	1,061	1,022
Total second quarter,	4,072	3,817	3,823	3,673	3,352	3,331

The death rate was 16.1 for the large towns, for the small towns, 11.8 and for the whole state 15.1.

The deaths reported from infectious diseases were 186, being 15.0 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Putnam, 4; Stamford (city), 1—Total 5.

Measles.—Ansonia, 1; Avon, 1; Beacon Falls, 3; Branford (town and borough), "epidemic about" 45; Bridgeport, 39; Bristol, 6; Brookfield, 3; Chatham, 10+; Chester, 3; Coventry, 47; Cromwell, 34; Danbury (city), 2; Derby, 5; East Hartford, 5; East Haven, 2; Enfield, 1; Farmington, 1; Glastonbury, 13; Greenwich, 4; Guilford, 1; Haddam, 3; Hamden, 6; Hampton, 2; Hartford, 31; Harwinton, 2; Hebron, 3; Huntington, 1; Lebanon, 1; Lyme, 6; Manchester, 1; Mansfield, 2; Meriden, 2; Monroe, 7; Montville, 4; New Hartford, "epidemic"; New Haven, 63; New London, 9; Norwalk (city), 15; Norwalk (town), 12; Old Lyme, 1; Old Saybrook, 1; Putnam, 1; Rocky Hill, 4; Saybrook, 1; Southington, 18; Stamford (city), 12; Stamford (town), 2; Stonington, 2; Stratford, 2; Trumbull, 15; Waterbury (city), 5; West Hartford, 2; West Haven (borough), 1; Westport, 1; Willimantic (city), 17; Winsted (borough), 2; Woodbury, 3.—Total, 486 + in 55 towns.

Scarlet Fever.—Ansonia, 4; Barkhamsted, 1; Bridgeport, 6; Canton, 1; Derby, 3; East Hartford, 2; Enfield, 3; Glastonbury, 2; Hartford, 20; Manchester, 2; Mansfield, 1; Middletown (city), 1; New Haven, 10; New Milford, 1; North Haven, 1; Norwalk (city), 6; Norwalk (town), 2; Roxbury, 7; Southington, 7; South Windsor, 1; Stamford (city), 3; Suffield, 1; Waterbury (city), 8; West Haven (borough), 1; Westport, 4; Wilton, 1.—Total 99 in 25 towns.

Diphtheria and Croup.—Ansonia, 1; Bridgeport, 12; Colebrook, 4; Danbury (city), 2; Farmington, 3; Greenwich, 2; Hartford, 29; Huntington, 1; New Haven, 13; New London, 3; Norwich (city), 1; Shelton (borough), 4; Southbury, 1; Stamford (city), 1; Torrington, 2; Wallingford, 3; Waterbury (city), 2; West Hartford, 2; West Haven (borough), 1; Winsted (borough), 2.—Total, 89 in 20 towns.

Whooping Cough.—Ansonia, 2; Bolton, 2; Bridgeport, 2; Bristol, 2; Cheshire, 1; Columbia, 2; Farmington, 5; Granby, 4+; Greenwich, 4; Hamden "prevalent;" Hartford, 3; Harwinton, 4; Hebron, 1; Litchfield (town and borough), 5+; Middletown (city), 5; Portland, 10+; Salisbury "several;" South Windsor, 5; Stamford (city), 9; Waterbury (city), 3; Watertown, 1+; Windsor Locks "several;" Woodbridge, 5; Woodbury, 30.—Total, 105+ in 24 towns.

Typhoid Fever.—Ansonia, 1; Bethlehem, 1; Bridgeport, 1; Chaplin, 1; Farmington, 1; Goshen, 1; Guilford, 1; Hartford, 6; Manchester, 1; Milford, 1; New Haven, 5; New London, 3; Norwalk, 1; Rockville (city), 1; Torrington, 1; Waterbury (city), 2.—Total, 28 in 16 towns.

Consumption.—Bolton, 1; Bozrah, 1; Bridgeport, 6; Brooklyn, 1; Hartford, 23; Hebron, 1; Meriden, 1; Plainfield, 1; Portland, 1; Voluntown, 1; Waterbury (city), 9.—Total, 46 in 11 towns.

All the Health Officers of Tolland County have reported, but the Health Officers of the following Towns have not reported:

HARTFORD CO.—Hartland, New Britain (city and town.)

NEW HAVEN CO.—Meriden (city), Naugatuck.

NEW LONDON CO.—Colchester (town and borough), Lisbon, Norwich (town), Sprague, Stonington (borough).

FAIRFIELD CO.—Ridgefield (town and borough), South Norwalk (city).

WINDHAM CO.—Eastford.

LITCHFIELD CO.—Bridgewater, Kent, Morris, Warren, Washington.

MIDDLESEX CO.—Middletown (town), Clinton, Essex, Middlefield.

* Eight delayed certificates for May have been received since the publication of the last Bulletin.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Berlin, Bethany, Bethel, Bloomfield, Burlington, Canaan, Canterbury, Cornwall, Danbury, Danielson (borough), Darien, Durham, East Granby, East Haddam, East Lyme, Easton, East Windsor, Ellington, Fairfield, Franklin, Griswold, Groton (town and borough), Jewett City (borough), Killingly, Killingworth, Ledyard, Madison, Marlborough, Middlebury, New Canaan, New Fairfield, Newington, Newtown, Norfolk, North Branford, North Canaan, North Stonington, Orange, Oxford, Plainville, Plymouth, Pomfret, Preston, Prospect, Redding, Salem, Scotland, Seymour, Sharon, Sherman, Simsbury, Somers, Stafford, Stafford Springs (borough), Sterling, Thomaston, Thompson, Tolland, Union, Vernon, Waterford, Westbrook, Weston, Wethersfield, Wellington, Winchester, Windham, Windsor, Wolcott, Woodstock.—Total, 72.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—New Hartford, 1.

Scarlet Fever.—Bridgewater, 1; Roxbury, 1.

La Grippe.—Canterbury, 1; Cornwall, 1; Stafford, 1.—Total, 3.

Diphtheria and Croup.—Avon, 1; Colchester, 1.

Whooping Cough.—Avon, 1; Windsor Locks, 1.

Consumption.—Berlin, 1; Chatham, 2; East Lyme, 1; Hamden, 1; Lisbon, 1; North Branford, 1; Portland, 1; Salisbury, 1; Southbury, 1; South Windsor, 1; Voluntown, 1; Wethersfield, 1; Windsor Locks, 1.—Total, 14.

Report of specimens examined at the Bacteriological Laboratory during the month of June:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis	2	11	..	13
release	0	4	..	4
Tuberculosis	21	44	..	65
Typhoid Fever	4	7	..	11
Total specimens examined				93

WATER INVESTIGATION.

On account of the small appropriation made at the last session of the State legislature for investigation of the pollution of streams and natural waters of the State, the Board of Health was unable, on the first of January, 1906, to renew the contract with Professor Smith of the Yale Medical School for water analysis. Therefore, during the first six months of the year, the Board could make no regular examination of reservoirs. The investigation was practically confined to special analyses of water, mostly well water, sent in by the health officers of different towns.

The Board has, however, made arrangements, beginning July first, to have these analyses carried on under the direction of Professor Conn of Wesleyan, at the State bacteriological laboratory, in Middletown. As the laboratory is in continuous operation, the additional work does not involve any great expenditure, and the Board will be enabled to resume the routine examination of reservoir water and to accomplish much more with the appropriation available. It has been the custom to examine monthly a certain number of reservoirs and the following year to make analyses of those in other parts of the State, and thus all the reservoirs have been, in turn, investigated.

Special examinations of well and other waters are made on the application of the town health officers only, subject to the approval of the county health officers. In future these applications should be forwarded directly to Professor Conn, who will send to the applicant proper receptacles for the water to be analyzed and full directions for collecting it.

Professor Conn will have as his assistant Mr. James A. Newlands. Mr. Newlands has studied at the Massachusetts Institute of Technology and, before coming to the State laboratory, was engaged in water analysis under Professor Andrew Smith, at Beloit, Wisconsin.

Respectfully submitted,

J. H. TOWNSEND, M.D.,

Secretary of State Board of Health and Superintendent of Vital Statistics.

HARTFORD, July 14, 1906.

METEOROLOGICAL REPORT FOR THE MONTH OF JUNE, 1906.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.						PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.							
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	29 94	29.87	61	67	67	76	58	18	78	85	S W	4	S	6	135	15	T	Cloudy	Cloudy	Partly Cl'dy
2	29.92	29.87	65	64	68	76	61	15	90	97	S W	3	S E	4	160	18	.62	Cloudy	Partly Cl'dy	Partly Cl'dy
3	30.04	30.11	67	72	68	80	57	23	59	45	N W	12	N	3	237	20	0	Clear	Clear	Clear
4	30.22	30.11	68	68	66	74	57	17	58	60	N	3	S	5	153	12	0	Clear	Clear	Clear
5	30.05	29.87	67	67	68	78	59	19	71	87	S W	11	S	7	198	22	.50	Clear	Sprinkling	Partly Cl'dy
6	29.75	29.69	66	74	72	84	61	23	94	82	S W	6	W	4	179	18	.20	Cloudy	Cloudy	Partly Cl'dy
7	29.75	30.00	66	63	60	73	57	16	82	84	N E	10	S E	5	221	16	0	Cloudy	Cloudy	Cloudy
8	30.06	30.02	57	61	60	66	55	11	84	91	S E	12	S	15	187	14	T	Cloudy	Cloudy	Cloudy
9	29.94	29.79	63	70	69	80	58	22	95	90	S	6	S	6	166	29	.13	Couldy	Light Rain	Partly Cl'dy
10	29.98	29.68	74	64	74	86	62	24	73	95	N W	4	S W	8	188	35	.22	Clear	Cloudy	Clear
11	29.86	29.99	66	63	63	73	53	20	71	48	N	9	N	12	224	17	0	Clear	Clear	Partly Cl'dy
12	30.19	30.21	54	62	58	69	46	23	56	58	N	9	N W	4	210	15	0	Clear	Partly Cl'dy	Clear
13	30.35	30.23	61	64	60	70	51	19	59	58	N E	8	S W	8	182	14	0	Clear	Cloudy	Partly Cl'dy
14	30.15	29.97	64	67	69	79	59	20	60	56	N	6	S W	8	177	18	0	Clear	Clear	Clear
15	29.93	29.94	73	68	71	82	60	22	61	65	W	2	E	9	152	14	0	Clear	Partly Cl'dy	Partly Cl'dy
16	29.99	29.93	58	63	60	64	57	7	94	100	N E	7	E	8	154	12	2.60	Cloudy	Light Rain	Cloudy
17	29.89	29.93	64	66	67	72	62	10	98	92	N E	3	N E	10	140	14	.11	Light Rain	Cloudy	Cloudy
18	29.95	29.93	61	62	62	66	57	9	94	92	N E	13	N E	15	284	21	.14	Cloudy	Cloudy	Cloudy
19	29 84	29.86	58	67	64	73	56	14	94	80	N E	15	N	13	320	22	.05	Cloudy	Cloudy	Cloudy
20	29.93	29.96	68	67	68	76	59	17	56	58	N E	6	S E	5	154	12	0	Clear	Clear	Clear
21	29.97	29.87	64	66	64	73	56	17	74	95	S E	4	S	11	170	14	0	Clear	Cloudy	Partly Cl'dy
22	29.78	29.78	69	71	72	81	64	17	76	77	W	4	S W	10	208	18	T	Cloudy	Partly Cl'dy	Partly Cl'dy
23	29.81	29.84	67	67	69	75	63	12	87	87	S E	9	S E	9	170	15	.09	Partly Cl'dy	Cloudy	Partly Cl'dy
24	29.95	29.93	60	67	67	78	56	22	84	85	N E	9	S E	5	172	13	0	Clear	Clear	Clear
25	29.97	29.99	69	71	69	78	60	18	63	60	N	12	N	5	181	16	0	Clear	Clear	Clear
26	30.05	29.99	71	70	68	78	59	19	54	77	N W	7	S W	7	162	14	0	Clear	Cloudy	Partly Cl'dy
27	29.97	29.95	75	74	74	85	63	22	67	66	W	3	W	5	115	12	0	Clear	Clear	Clear
28	30.05	29.97	75	78	76	86	66	20	62	60	N E	6	S W	7	179	14	0	Clear	Partly Cl'dy	Partly Cl'dy
29	29.82	29.78	74	82	80	90	70	20	76	54	S W	10	N W	3	222	24	T	Partly Cl'dy	Clear	Clear
30	29.77	29.73	80	71	78	89	66	23	72	98	S W	4	N E	10	167	30	1.08	Clear	Cloudy	Partly Cl'dy
--	---	----	-	--	--	--	--	--	--	--	----	--	----	--	---	--	----	------	------	------
Month Ave's.	29.96	29.93	66	68	68	77	59	18	75	76	N E	7	S W	8	186	35	5.14			

SUMMARY.

BAROMETER.

Monthly Mean, 29.93 inches.

Highest, 30.35 in.; Date, 13.

Lowest, 29.68 in.; Date, 10.

Monthly range, .67 inches.

TEMPERATURE.

Monthly Mean, 68 degrees.
Highest, 90 degrees; Date, 29.
Lowest, 46 degrees; Date, 12.
Absolute range, 44 degrees.
Greatest daily range, 24 degrees; Date, 10.
Least daily range, 7 deg.; Date, 16.
Mean daily range, 18 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 311 degrees.

WIND.

Prevailing direction, S.
Mean hourly velocity, 8 miles.
Max. velocity and direction, 35 W; Date, 10.
Total monthly movement, 5567 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 15.
*Greatest 24 hour precipitation, (in. and 100ths), 2.11; Date, 16, 17.
Total monthly precipitation, (in. and 100ths), 5.14 in.
Total depth of snowfall (in.), 00.
Dates of thunder storms, 1, 2, 5, 6, 9, 10, 23, 30.
Accumulated excess of precipitation since Jan. 1st, 2.95 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---67 deg.	1890---66 deg.	1873---2.07	1890---3.12
1874---67 "	1891---66 "	1874---3.41	1891---1.90
1875---66 "	1892---69 "	1875---3.50	1892---2.36
1876---71 "	1893---66 "	1876---1.86	1893---2.07
1877---68 "	1894---68 "	1877---6.17	1894---0.49
1878---65 "	1895---68 "	1878---2.62	1895---2.41
1879---67 "	1896---65 "	1879---4.62	1896---2.96
1880---69 "	1897---64 "	1880---1.21	1897---2.47
1881---62 "	1898---67 "	1881---5.14	1898---0.21
1882---66 "	1899---69 "	1882---2.74	1899---2.59
1883---68 "	1900---68 "	1883---1.83	1900---1.79
1884---67 "	1901---63 "	1884---5.26	1901---0.25
1885---65 "	1902---65 "	1885---1.43	1902---4.35
1886---63 "	1903---61 "	1886---2.84	1903---7.41
1887---65 "	1904---66 "	1887---5.62	1904---2.46
1888---68 "	1905---66 "	1888---2.15	1905---5.87
1889---67 "	1906---68 "	1889---3.17	1906---5.14

COM. RAINFALL. (Inches and 100ths.)

Monthly mean humidity, 75 per cent. Monthly mean dew point, 58. Number of clear days, 10. Number of fair days, 14. Number of cloudy days, 6.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 116 feet. Elevation of rain and snow gauges, 111 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XX No. 7

MEMBERS OF THE BOARD

WM. H. GREWER, LL.D., PRES., NEW HAVEN
T. H. McKENZIE, C.E., SOUTHINGTON
E. K. ROOT, M.D., HARTFORD
A. W. PHILLIPS, M.D., DERBY
LEWIS SPERRY, ESQ., HARTFORD
S. B. OVERLOCK, M.D., POMFRET

J. H. TOWNSEND, M.D., SECRETARY

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF JULY, 1906

Entered at the Post-Office, Hartford, Conn., as Second-Class Mail Matter

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of July, 1906, and a Statement of the Births and Marriages for the Month of June, 1906.

Total estimated population of the State is 989,570.

TOWNS.	Estimated Population.	Living Births in June.	Still Births in June.	Marriages in June.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	13,850	38	1	14	25	21.6	10	3	52.0												5	1	3		1	2	1	2	10
Branford,	6,339	13		3	5	9.4																	1				1		3
Bridgeport,	82,061	194	15	171	158	21.9	50	14	40.5					2	2	3		1	1		30	1	16	10	2	10	7	13	60
Bristol,	10,773	21	1	17	8	8.9	5		62.5												3		1						4
Danbury,	19,475	42		20	31	18.4	9	2	35.4						1	1					3	1	1	2	1	4	2		15
Derby,	8,910	16	2	19	16	21.5	6	6	75.0							1					9			1			1		4
East Hartford,	7,381	11		6	7	11.3	1		14.2																	2	1		4
Enfield,	6,449	18		9	9	16.7	4		44.4												1		1	1				1	5
Greenwich,	13,192	26		15	15	13.6	4	4	53.3							1					5		1			1			7
Groton,	6,173	11		9	4	7.7	1	1	50.0						1						1						1	1	
Hartford,	93,160	146	9	157	147	17.0	38	11	33.3			1	1		1	3		2		1	29	3	9	6		12	10	8	61
Huntington,	6,355	7	1	3	5	9.4																	1				1		3
Killingly,	6,739	7		7	10	17.8	1	1	20.0														3			3	1	1	2
Manchester,	11,790	29	1	15	10	10.1	5		50.0							1	1				4							2	2
Meriden,	30,331	49		55	39	15.4	19	3	56.4									1			16		3			5	2		12
Middletown,	18,626	25	2	22	36	12.8	5		13.8								1				3		9	2	1	6	3	4	7
Naugatuck,	12,702	31		13	13	12.2	4	2	46.1												3	1	1			4	1	2	1
New Britain,	32,799	95	7	66	97	35.5	45	20	67.0		2		1			6					43	1	4	4		4	6	4	22
New Haven,	119,018	263	8	200	248	23.9	84	39	49.5		15				1	2		1	2		54	5	15	19	6	22	16	11	79
New London,	19,443	41	3	30	25	14.1	8		32.0												5		3	1	1	2	1	5	7
New Milford,	5,247	8		12	8	18.2	3		37.5												1				1	1	1		4
Norwalk,	21,024	35		30	28	14.8	7	2	32.1							1		1			6	1	2			4	3	1	9
Norwich,	25,506	43	2	31	43	19.2	12	2	32.5					1				1			5	1	1	2		9	3	5	15
Orange,	8,225	17		11	12	17.5	8		66.6							2					5	1			1	1			2
Putnam,	7,766	17		9	9	12.3	3		33.3																	1		2	6
Southington,	6,084	8		15	6	11.8																	1						5
Stamford,	20,408	28	2	27	36	20.5	16	4	55.5						1	2					8		2	1		2	1	2	17
Stonington,	9,218	15	2	13	14	18.2	3	2	35.7						1			1			1			1		1	2	1	6
Thompson,	6,873	7		11	1	1.7	1		100.0												1								
Torrington,	15,655	29	2	22	16	12.2	9	1	62.5							1					6		1			2	1	1	4
Vernon,	8,321	15	3	14	6	8.6	1	1	33.3														1			4			1
Wallingford,	10,209	22		17	3	3.5	1		33.3												1					1			1
Waterbury,	60,107	156	10	90	137	27.1	66	17	60.5		1		1		1	4	1	2			53	4	2	9		5	10	13	31
Winchester,	8,553	13		16	14	19.6	2	1	21.4									2			1					1		2	8
Windham,	10,189	14	1	13	16	18.8	7		43.1												6	1	2			1	2		4
Total of the 35 above towns,	748,951	1510	72	1182	1257	20.1	438	136	45.6		18	1	3	3	9	28	3	12	3	1	308	21	83	60	14	110	78	81	431
127 towns of less than 5,000 inhabitants,	231,885	391	9	170	268	13.8	60	17	28.4		2				2	5		4		1	37	8	23	4	4	33	23	18	104
Total reported from 162 towns,	980,836	1901	81	1352	1525	18.5	498	153	42.6		20	1	3	3	11	33	3	16	3	2	345	29	106	64	18	143	101	99	535
Population of towns not reporting,	8,734																												

The Mortality in Public Institutions of the State was: in Bridgeport, 30; in Danbury, 3; in Hartford, 46; in Meriden, 1; in Middletown, 19; in New Britain, 10; in New Haven, 47; in New London, 4; in Norwalk, 5; in Norwich, 7; in Putnam, 1; in Stamford, 1; and in Waterbury, 9. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in July: Andover, Ashford, Barkhamsted, Bethany, Bridgewater, Chaplin, Eastford, East Granby, Franklin, Hampton, Killingworth, Marlborough, Middlebury, Montville, North Haven, Oxford, Pomfret, Prospect, Rocky Hill, Roxbury, Scotland, Sharon, South Windsor, Tolland, Trumbull, Wolcott. —Total, 26.

The Registrars of the following towns have made no report for July: Beacon Falls, Essex, Kent, Sprague, Voluntown, Washington.—Total, 6.

REMARKS.

By mortality reports received there were 1525 deaths during the month of July. This was 276 more than in June, and 125 less than in July of last year, and 92 more than the average number of deaths during July for the five years preceding.

	1906	1905	1904	1903	1902	1901
January,	1,340	1,412	1,440	1,420	1,172	1,439
February,	1,235	1,368	1,387	1,303	1,124	1,381
March,	1,489	1,577	1,525	1,421	1,239	1,441
Total first quarter,	4,064	4,357	4,352	4,144	3,535	4,261
April,	1,430	1,329	1,377	1,245	1,191	1,253
May,	1,404	1,199	1,317	1,265	1,100	1,056
June,	*1,249	1,289	1,129	1,163	1,061	1,022
Total second quarter,	4,082	3,817	3,823	3,673	3,352	3,331
July,	1,525	1,650	1,409	1,414	1,394	1,297

The death rate was 20.1 for the large towns, for the small towns 13.8 and for the whole state 18.5.

The deaths reported from infectious diseases were 199, being 13.0 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—New Britain, 1; Putnam, 2; Windham 1.—Total, 4 cases in 3 towns.

Measles.—Avon, 1; Branford (town and borough), 11; Bridgeport, 14; Bristol, 8; Brookfield, 1; Canton, 1; Coventry, 10; Cromwell, 2; Greenwich, 4; Haddam, 3; Hartford, 8; Huntington, 2; Madison, 6; Manchester, 1; Mansfield, 15; Marlborough, 1; Meriden (city), 2; Milford, 2; New Britain, 5; New Fairfield, 4; New Haven, 24; New London, 3, Old Saybrook, 3; Oxford, 1; Roxbury, 1; Salem, 3; Saybrook, 2; Seymour, 1; South Norwalk (city), 2; Stamford (city), 3; Thompson, 3; Trumbull, 1; Wallingford, 1; Waterbury, 4; Westbrook, 1; West Haven (borough), 1; Willimantic (city), 1; Woodbury, 1.—Total, 157 cases in 38 towns.

Scarlet Fever.—Ansonia, 3; Avon, 1; Barkhamsted, 1; Bloomfield, 1; Bridgeport, 8; Bristol, 2; Danielson (borough), 1; East Granby, 1; East Hartford, 3; Glastonbury, 2; Hartford, 8; New Britain, 1; New Canaan (town and borough), 2; New Hartford, 3; New Haven, 2; Norwalk, 1; Simbury, 1; Southington, 1; Stamford (city), 2; Wallingford, 2; Washington, 1; Waterbury, 6; Westport, 1; Wilton, 1.—Total, 55 cases in 24 towns.

Cerebro Spinal Fever.—Bridgeport, 1; Simsbury, 1.—Total, 2 cases in 2 towns.

Diphtheria and Croup.—Bethel, 1; Branford, 1; Bridgeport, 10; Cromwell, 1; Danbury (city), 1; East Hartford, 1; Greenwich, 3; Hartford, 19; Lyme, 1; Meriden (city), 1; Meriden (town), 1; Middletown (city), 1; New Britain, 4; New Haven, 6; North Haven, 1; Norwalk, 1; Orange, 1; Stamford (city), 2; Suffield, 2; Wallingford, 4; Waterbury, 5; Windsor Locks, 1; Winsted (borough), 12.—Total, 80 cases in 22 towns.

Whooping Cough.—Bridgeport, 4; Bristol, 4; Columbia, 8; Cromwell, 2; East Hartford, 5; Greenwich, 4; Hartford, 6; Litchfield, (town and borough), 15+; New Britain, 1; New Canaan (town and borough), 4; Old Saybrook, 3; Portland, 6+; Somers, 1; Southbury, 1; Stamford (city), 2; Stratford, 3; Suffield, 1; Waterbury, 2; Watertown, 5+; Windsor Locks "several;" Woodbridge (epidemic); Woodbury, 15.—Total, 92+ cases in 22 towns.

Typhoid Fever.—Bristol, 1; Danbury (city), 2; Enfield, 2; Greenwich, 1; Groton, 2; Haddam, 1; Hartford, 9; Litchfield, 1; Manchester, 4; Milford, 1; New Britain, 3; New Hartford, 2; New Haven, 7; New Milford, 1; Norwalk (city), 2; Norwalk (town), 2; Ridgefield (borough), 5; Simsbury, 1; South Norwalk (city), 2; Stamford (city), 1; Stonington, 1; Suffield, 1; Torrington, 1; Vernon, 1; Waterbury, 6; Watertown, 1; West Hartford, 1; Willimantic (city), 1; Winsted (borough), 2.—Total, 65 cases in 28 towns.

Consumption.—Ansonia, 3; Branford, 1; Bridgeport, 6; Cornwall, 1; Fairfield, 1; Hartford, 23; Middletown (city), 2; Milford, 1; North Haven, 1; Norwalk (city), 2; Norwich (city), 2; Old Saybrook, 1; Plainfield, 2; Rockville (city), 1; Shelton (borough), 1; Thomaston, 1; Wallingford, 1; Waterbury, 6; Watertown, 1; Willimantic (city), 1.—Total, 58 cases in 20 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Beacon Falls, Berlin, Bethany, Bethlehem, Bolton, Bozrah, Bridgewater, Brooklyn, Burlington, Canaan, Canterbury, Chaplin, Chatham, Cheshire, Chester, Clinton, Colchester (town and borough), Colebrook, Darien, Danbury, Derby, Durham, Eastford, East Haddam, East Haven, East Lyme, Easton, East Windsor, Ellington, Essex, Farmington, Franklin, Goshen, Griswold, Guilford, Hamden, Hampton, Hartland, Harwinton, Hebron, Jewett City (borough), Kent, Killingly, Killingworth, Lebanon, Ledyard, Middlebury, Middletown, Monroe, Montville, Morris, Naugatuck, Norfolk, North Branford, North Canaan, Norwich, Old Lyme, Plainville, Plymouth, Pomfret, Preston, Prospect, Redding, Ridgefield, Rocky Hill, Salisbury, Scotland, Sharon, Sherman, South Windsor, Stafford, Stafford Springs (borough), Sterling, Tolland, Union, Warren, Waterford, Weston, Wethersfield, Willington, Winchester, Windsor, Wolcott, Woodstock.—Total, 86.

All the Health Officers of New Haven, Windham, Litchfield and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

Hartford Co.—Granby, Newington.
New London Co.—Groton (borough), Lisbon, North Stonington, Sprague, Stonington (borough), Voluntown.
Fairfield Co.—Newtown, Stamford.
Middlesex Co.—Middlefield.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Hamden, 1; Waterford, 1.
Diphtheria and Croup.—Goshen, 1; Lyme, 1.
Whooping Cough.—Fairfield, 1; Hamden, 1; Newington, 1; Thomaston, 1; Woodbury, 1.—Total, 5.
Typhoid Fever.—Haddam, 1; Litchfield, 1; Milford, 1; Waterford, 1.—Total, 4.
Consumption.—Avon, 1; Bolton, 1; Clinton, 1; Darien, 2; Ellington, 1; Fairfield, 1; Glastonbury, 2; Haddam, 1; Litchfield, 1; Milford, 1; Morris, 1; Newtown, 2; Norfolk, 1; Plainfield, 1; Salem, 1; Salisbury, 1; Sterling, 1; Westport, 1; Wethersfield, 1; Welton, 1.—Total, 23.

Report of specimens examined at the Bacteriological Laboratory during the month of July:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis	4	4	..	8
release	6	4	..	10
Tuberculosis	28	40	..	68
Typhoid Fever	2	17	..	19
Total specimens examined				105

DAIRY INSPECTION.

For several years the health authorities of our cities have paid much attention to examining the quality of the milk sold within their limits, in order to determine whether cream had been abstracted, water added or chemical preservatives used; also to see whether it contained bacteria in excessive quantities. Until quite recently the conditions at the farms have been largely overlooked on account of the expense of inspecting them and other difficulties.

Fresh milk being a good culture media for most bacteria, the germs that get into it through careless milking or improper handling rapidly multiply, especially when the milk is not properly cooled. The ordinary bacteria of milk, which are derived from cow manure, dust and other sources, are harmful and render the milk dangerous to infants when present in considerable quantities. Of great importance also is the infection from diseased cattle, those suffering from tuberculosis and disease of the milk glands. It is generally considered, however, that the most serious contamination of milk is the contagion of scarlet fever, typhoid fever and diphtheria.

In spite of laboratory examinations the conditions at the farm can only be learned by inspection, and the city or state should employ enough inspectors to visit each farm supplying milk at least once a year. The inspectors should see that the cows, barns, milkers and milk rooms are in a clean condition, that the water used in the dairy room is above suspicion, and that the bottles and utensils used in milking are properly sterilized. The health officer of a city should be notified whenever a case of typhoid fever, scarlet fever or diphtheria occurs on a farm supplying that city with milk, and no person having any infectious disease or caring for a person having such a disease should have anything to do with milking or the care of the milk.

There are in this state many model dairy farms which use every precaution to produce pure milk. These farms serve as an example to their neighbors, and have done much to raise the general standard, but there are still numbers of small farms which, through ignorance or carelessness, are a menace to the health of the people whom they supply with milk.

Respectfully submitted,

J. H. Townsend, M.D.,
Secretary of State Board of Health and Superintendent of Vital Statistics.

Hartford, August 15, 1906.

*Ten delayed certificates for June have been received since the publication of the last Bulletin.

METEOROLOGICAL REPORT FOR THE MONTH OF JULY, 1906.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow inches and tooths.	8 A. M.	8 P. M.	
1	29.85	29.89	58	68	67	78	56	22	86	78	N	18	S	8	226	21	.01	Cloudy	Clear	Partly Cl'dy
2	29.90	29.80	66	74	72	80	63	17	94	91	S	7	S	4	164	13	.96	Cloudy	Partly Cl'dy	Cloudy
3	29.87	29.86	74	72	74	82	66	16	82	98	N	3	S	4	127	13	.68	Clear	Light Rain	Partly Cl'dy
4	29.72	29.99	72	73	72	80	65	15	93	74	S W	14	N	9	277	24	1.30	Cloudy	Partly Cl'dy	Cloudy
5	30.20	30.32	67	67	68	75	60	15	71	81	N E	9	S E	7	179	16	0	Clear	Partly Cl'dy	Partly Cl'dy
6	30.44	30.38	66	64	66	73	59	14	71	61	N E	6	N E	6	233	21	0	Clear	Partly Cl'dy	Clear
7	30.31	30.21	63	64	62	72	52	20	60	87	N E	12	N E	7	232	21	.10	Clear	Misting	Partly Cl'dy
8	30.12	30.02	66	69	68	76	61	15	91	79	N E	7	S	3	179	13	.03	Cloudy	Partly Cld'y	Partly Cl'dy
9	29.98	29.88	66	66	68	72	64	8	92	85	S W	3	S W	10	167	15	.02	Light Rain	Cloudy	Cloudy
10	29.91	29.94	71	69	73	85	61	24	72	87	S W	3	S W	7	149	24	.62	Clear	Light Rain	Partly Cl'dy
11	30.09	30.13	67	71	72	80	63	17	80	72	N E	12	S	5	189	17	0	Clear	Clear	Clear
12	30.19	30.15	69	73	72	78	65	13	76	75	N E	9	S	7	133	13	0	Clear	Clear	Clear
13	30.17	30.09	71	71	71	79	63	16	79	83	S E	3	S E	6	130	12	0	Clear	Clear	Clear
14	30.02	29.99	68	76	72	85	59	26	76	87	N E	12	S E	2	161	15	0	Partly Cl'dy	Clear	Clear
15	30.00	29.98	73	71	72	81	62	19	73	75	N	2	S	8	121	10	.01	Clear	Light Rain	Partly Cl'dy
16	29.96	29.92	71	72	74	82	67	15	84	78	S	9	S	7	197	22	0	Clear	Partly Cld'y	Clear
17	29.86	29.80	75	71	78	86	70	16	91	95	S W	7	S W	8	213	38	.33	Cloudy	Sprinkling	Partly Cl'dy
18	30.00	30.05	72	76	78	85	70	15	88	78	N W	4	S W	9	150	13	.01	Cloudy	Clear	Clear
19	30.17	30.15	72	75	75	84	66	18	67	86	N	9	S E	6	158	11	0	Clear	Clear	Clear
20	30.17	30.05	69	73	74	79	68	11	95	90	S	7	S	10	164	14	0	Cloudy	Cloudy	Partly Cl'dy
21	29.92	29.81	72	73	72	75	69	6	98	93	S	5	S W	10	143	13	.66	Foggy	Cloudy	Cloudy
22	29.81	29.75	72	76	78	88	68	20	94	82	S W	1	W	8	143	12	.08	Partly Cl'dy	Partly Cl'dy	Clear
23	29.76	29.83	74	74	76	80	71	9	91	90	S	9	S	6	238	22	.03	Cloudy	Cloudy	Cloudy
24	29.92	29.95	69	70	70	73	67	6	76	75	N	9	N W	4	167	14	T	Cloudy	Cloudy	Cloudy
25	29.99	30.04	66	72	71	80	62	18	57	73	N E	12	N E	6	253	21	0	Clear	Clear	Clear
26	30.07	30.02	64	68	66	74	57	17	69	79	N E	13	N	3	211	16	0	Clear	Cloudy	Cloudy
27	30.05	30.04	67	70	70	77	62	15	75	86	N	6	S	8	166	13	0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
28	30.01	29.95	68	70	70	76	65	11	80	88	S	6	S	12	167	13	T	Cloudy	Cloudy	Partly Cl'dy
29	29.93	29.84	72	73	74	80	69	11	92	89	S	6	S	9	241	24	.06	Cloudy	Cloudy	Cloudy
30	29.66	29.72	72	72	75	81	69	12	93	95	S	16	S	6	275	20	72	Cloudy	Cloudy	Cloudy
31	29.89	30.03	74	76	76	86	67	19	74	96	N	9	S W	5	135	11	0	Clear	Partly Cld'y	Partly Cl'dy
Month Ave's.	29.998	29.986	69	71	72	79	64	15	81	83	N E	8	S	7	184	38	5.62			

SUMMARY.

BAROMETER.

Monthly Mean, 29.99 inches.

Highest, 30.44 in.; Date, 6.

Lowest, 29.66 in.; Date, 30.

Monthly range, .78 inches.

TEMPERATURE.

Monthly Mean, 72 degrees.
Highest, 88 degrees; Date, 22.
Lowest, 52 degrees; Date, 7.
Absolute range, 36 degrees.
Greatest daily range, 26 degrees; Date, 14.
Least daily range, 6 deg.; Date, 24.
Mean daily range, 15 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 308 degrees.

WIND.

Prevailing direction, S.
Mean hourly velocity, 8 miles.
Max. velocity and direction, 38 S W; Date, 17.
Total monthly movement, 5688 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 18.
*Greatest 24 hour precipitation, (in. and tooths), 1.9; Date, 3, 4.
Total monthly precipitation, (in. and tooths), 5.62 in.
Total depth of snowfall (in.), 0.
Dates of thunder storms, 2, 3, 4, 10, 17, 21, 22, 24, 28, 29, 30.
Accumulated excess of precipitation since Jan. 1st, 3.63 inches.

COMPAR. TEMP. (Mon. Mean.)

1873---73 deg.	1890---69 deg.	1873---1.55	1890---6.59
1874---72 "	1891---68 "	1874---4.90	1891---4.52
1875---71 "	1892---72 "	1875---4.42	1892---4.33
1876---76 "	1893---71 "	1876---11.05	1893---1.89
1877---73 "	1894---73 "	1877---2.37	1894---2.40
1878---74 "	1895---69 "	1878---2.53	1895---3.77
1879---71 "	1896---72 "	1879---9.50	1896---3.86
1880---73 "	1897---72 "	1880---4.90	1897---16.63
1881---71 "	1898---72 "	1881---3.53	1898---5.03
1882---72 "	1899---72 "	1882---3.03	1899---4.17
1883---71 "	1900---73 "	1883---5.67	1900---2.28
1884---68 "	1901---74 "	1884---5.89	1901---4.40
1885---72 "	1902---70 "	1885---2.51	1902---3.26
1886---70 "	1903---72 "	1886---4.69	1903---2.17
1887---75 "	1904---71 "	1887---4.66	1904---2.08
1888---69 "	1905---73 "	1888---1.76	1905---2.86
1889---70 "	1906---72 "	1889---17.08	1906---5.62

COM. RAINFALL. (Inches and tooths.)

Monthly mean humidity, 82 per cent. Monthly mean dew point, 65. Number of clear days, 10. Number of fair days, 12. Number of cloudy days, 9.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 116 feet. Elevation of rain and snow gauges, 111 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XX NO. 8

MEMBERS OF THE BOARD

WM. H. BREWER, LL.D., PRES., NEW HAVEN
T. H. McKENZIE, C.E., SOUTHINGTON
E. K. ROOT, M.D., HARTFORD
A. W. PHILLIPS, M.D., DERBY
LEWIS SPERRY, ESQ., HARTFORD
S. B. OVERLOCK, M.D., POMFRET

J. H. TOWNSEND, M.D., SECRETARY

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF AUGUST, 1906

Entered at the Post-Office, Hartford, Conn., as Second-Class Mail Matter

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of August, 1906, and a Statement of the Births and Marriages for the Month of July, 1906.

Total estimated population of the State, 1,005,854.

TOWNS.	Estimated Population.	Living Births in July.	Still Births in July.	Marriages in July.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	14,084	48	3	12	24	20.4	14	3	70.8	----	----	----	----	----	----	1	----	----	----	----	10	----	----	----	----	4	----	2	7
Branford,	6,453	14	1	2	9	16.7	3	----	33.3	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1	2	4
Bridgeport,	84,274	203	4	61	117	15.9	45	10	47.0	----	----	----	----	----	2	2	1	1	----	----	25	2	7	8	2	12	6	5	44
Bristol,	11,000	19	1	2	18	19.6	8	2	55.5	----	----	2	----	----	----	----	----	----	----	----	5	----	3	----	----	----	----	----	8
Danbury,	19,475	49	1	11	33	19.1	8	3	33.3	----	----	----	----	----	----	2	----	----	----	----	3	----	6	1	----	7	2	2	10
Derby,	9,106	18	1	19	11	14.4	7	2	81.8	----	----	----	----	----	----	----	----	----	----	----	5	----	----	1	----	----	----	1	4
East Hartford,	7,576	22	----	3	12	15.8	6	2	66.6	----	----	----	----	----	----	1	----	----	----	----	6	----	----	----	----	1	----	----	4
Enfield,	6,400	27	1	12	25	46.8	10	----	40.0	----	----	----	----	----	----	----	----	----	----	----	5	2	4	----	----	1	2	3	8
Greenwich,	13,396	29	1	10	26	23.2	12	4	61.5	----	3	----	----	----	----	5	----	----	----	----	5	1	----	----	----	2	----	5	5
Groton,	6,215	8	----	5	8	15.4	1	----	12.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	1	----	5
Hamden,	5,072	8	----	3	6	14.1	1	----	16.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	5
Hartford,	95,822	197	4	64	153	17.1	49	10	38.5	----	1	----	----	----	1	6	----	4	----	----	23	2	10	7	1	15	7	8	68
Huntington,	6,510	12	1	1	11	20.2	3	1	36.3	----	----	----	----	----	----	----	----	----	----	----	1	----	2	----	----	1	----	2	5
Killingly,	6,720	15	----	3	15	26.7	6	----	40.0	----	----	----	----	----	----	----	----	----	----	----	5	----	----	----	----	3	1	----	6
Manchester,	12,028	29	1	3	26	25.9	6	4	38.4	----	----	----	----	----	----	----	----	1	----	----	5	----	4	1	----	1	1	2	11
Meriden,	30,658	74	4	19	37	14.4	10	1	29.7	----	----	----	----	----	----	----	----	----	1	----	8	----	8	2	----	2	2	3	11
Middletown,	18,855	35	----	14	45	17.8	12	1	28.8	----	----	----	----	----	----	----	----	----	----	----	11	5	2	1	----	8	3	6	9
Naugatuck,	13,134	22	2	7	12	10.9	6	1	58.3	----	----	----	----	----	----	----	----	----	----	----	2	----	2	----	----	2	1	----	5
New Britain,	33,720	81	4	28	74	26.3	34	10	59.4	----	2	1	----	----	----	4	----	1	----	----	23	----	4	1	----	7	4	4	23
New Haven,	121,216	285	11	103	221	20.1	64	19	37.5	----	1	----	----	1	4	6	----	14	2	----	35	4	18	9	2	18	17	15	75
New London,	19,822	49	4	18	31	17.5	13	1	45.1	----	----	----	----	----	----	----	----	----	----	----	10	----	2	----	----	1	1	4	13
New Milford,	5,336	14	----	----	5	8.9	2	1	60.0	----	----	----	----	----	----	----	----	----	----	----	1	----	1	----	----	----	1	----	2
Norwalk,	21,243	43	----	10	31	16.9	9	----	29.2	----	----	----	----	----	----	1	----	2	----	----	6	----	3	1	----	1	5	2	10
Norwich,	25,620	61	2	24	45	19.6	14	1	33.3	----	----	----	----	----	----	----	----	1	----	----	10	----	4	----	----	7	3	3	17
Orange,	8,470	14	1	2	5	7.0	1	----	20.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	2	2
Putnam,	7,850	14	1	7	11	16.8	3	----	27.2	----	----	----	----	----	----	----	----	----	----	----	2	1	1	1	----	1	1	1	3
Southington,	6,123	12	3	2	11	21.5	3	1	36.3	----	----	----	1	----	----	----	----	----	----	----	1	----	1	1	----	----	3	----	4
Stamford,	20,720	54	3	12	43	23.1	12	1	30.2	----	----	----	----	----	----	----	----	1	----	----	5	----	3	1	1	5	3	3	21
Stonington,	9,353	22	----	6	15	19.2	5	3	53.0	----	----	----	----	----	----	----	----	----	----	----	6	----	----	----	----	----	2	2	5
Thompson,	6,960	10	1	1	6	10.3	4	----	66.6	----	----	----	----	----	1	----	----	----	----	----	3	----	1	----	----	1	----	----	----
Torrington,	16,300	22	1	8	10	7.3	8	----	80.0	----	----	----	----	----	----	----	----	----	----	----	6	----	----	----	----	1	----	----	3
Vernon,	8,290	7	----	5	16	23.1	9	1	62.5	----	----	----	----	1	----	----	----	----	----	----	8	----	1	----	----	2	----	----	4
Wallingford,	10,450	16	1	5	12	13.7	1	1	16.6	----	----	----	----	----	----	----	----	----	----	----	2	----	4	----	----	----	----	3	3
Waterbury,	61,900	169	5	48	114	21.9	54	8	54.3	----	----	2	----	----	----	2	1	3	----	----	39	----	6	5	6	5	3	5	37
Winchester,	8,710	13	----	6	13	16.5	4	----	30.7	----	----	----	----	----	1	1	----	----	----	----	2	1	----	----	----	2	2	1	3
Windham,	10,200	27	3	2	18	21.1	6	2	44.4	----	----	----	----	----	----	1	----	----	----	----	2	----	----	----	1	3	1	----	10
Total of the 36 above towns,	769,061	1742	65	538	1269	19.8	453	93	43.0	----	7	5	1	2	9	32	2	28	3	----	281	18	99	40	13	116	73	86	454
132 towns of less than 5,000 inhabitants,	236,793	393	19	90	370	18.7	91	26	31.6	----	----	1	----	----	7	7	----	2	2	----	56	19	24	4	2	40	32	24	150
Total reported from 168 towns,	1,005,854	2135	84	628	1639	19 5	544	119	40.4	----	7	6	1	2	16	39	2	30	5	----	337	37	123	44	15	156	105	110	604

The Mortality in Public Institutions of the State was: in Bridgeport, 24; in Danbury, 4; in Hartford, 47; in Meriden, 4; in Middletown, 18; in New Britain, 8; in New Haven, 51; in New London, 5; in New Milford, 7; in Norwalk, 7; in Norwich, 5; in Stamford, 4; in Waterbury, 10; and in Winchester, 1. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in August: Andover, Barkhamsted, Bolton, Canterbury, Chaplin, Colebrook, Franklin, Haddam, Kent, Marlborough, Middlefield, Monroe, Morris, North Stonington, Salem, Tolland, Union, Warren, Wolcott, Woodbridge.—Total, 20.

REMARKS.

By mortality reports received there were 1639 deaths during the month of August. This was 102 more than in July, and 222 more than in August of last year, and 271 more than the average number of deaths during August for the five years preceding.

	1906	1905	1904	1903	1902	1901
January,	1,340	1,412	1,440	1,420	1,172	1,439
February,	1,235	1,368	1,387	1,303	1,124	1,381
March,	1,489	1,577	1,525	1,421	1,239	1,441
Total first quarter,	4,064	4,357	4,352	4,144	3,535	4,261
April,	1,430	1,329	1,377	1,245	1,191	1,253
May,	1,404	1,199	1,317	1,265	1,100	1,056
June,	*1,249	1,289	1,129	1,163	1,061	1,022
Total second quarter,	4,082	3,817	3,823	3,673	3,352	3,331
July,	*1,537	1,650	1,409	1,414	1,394	1,297
August,	1,639	1,417	1,362	1,404	1,348	1,310

The death rate was 19.8 for the large towns, for the small towns 18.7 and for the whole state 19.5.

The deaths reported from infectious diseases were 231, being 14.1 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Putnam, 2; Windham 2.—Total, 4 cases in 2 towns.

Measles.—Branford (town and borough), 5; Bridgeport, 8; Canton, 2; Darien, 4; Derby, 2; East Lyme, 1; Greenwich, 1; Hartford, 1; Huntington, 4; Litchfield, 1; Mansfield, 2; Montville, 1; Naugatuck, 1; New Haven, 5; New Milford, 1; Roxbury, 1; Seymour, 1; Trumbull, 2; Wallingford, 1; Waterbury, 1.—Total, 45 in 20 towns.

Scarlet Fever.—Ansonia, 2; Bozrah, 1; Branford, 1; Bridgeport, 3; Danielson (borough), 1; Enfield, 1; Glastonbury, 2; Hartford, 1; Meriden (city), 1; Montville, 1; New Canaan, 1; New Haven, 3; Newington, 3; New Milford, 2; Salisbury, 1; Shelton (borough), 2; Southington, 1; Torrington (town and borough), 2; Washington, 1; Waterbury, 3; Westbrook, 1; Westport, 1.—Total, 35 in 22 towns.

Cerebro Spinal Fever.—Ansonia, 2.

Diphtheria and Croup.—Barkhamsted, 1; Bridgeport, 22; Brooklyn, 1; Danbury (city), 2; Danbury (town), 3; Glastonbury, 1; Hartford, 16; Huntington, 4; New Haven, 26; North Haven, 6; Norwalk (city), 2; Norwalk (town), 2; Plymouth, 9; Rocky Hill, 1; Shelton (borough), 3; Somers, 1; Stratford, 1; Suffield, 1, Thomaston, 11; Thompson, 1; Wallingford, 2; West Hartford, 2; Windsor, 3; Windsor Locks, 6,—Total, 127 in 22 towns.

Whooping Cough.—Ansonia, 1; Bridgeport, 6; Brooklyn, 2; East Haddam, "plenty of cases"; East Windsor, "number of cases"; Enfield, 4; Goshen, 4+; Hartford, 3; Hebron, 1; Killingworth, 1; Litchfield, 8+; Middletown (city), 3; Putnam, 4; Ridgefield (borough), 1; Thomaston, 3+; Washington, 3; Waterbury, 2; Wethersfield, 4; Windsor Locks, "several."—Total, 50+ in 19 towns.

Typhoid Fever.—Ansonia, 4; Bridgeport, 8; Chester, 1; Cornwall, 1; Cromwell, 1; Derby, 2; East Hartford, 1; East Lyme, 1; Enfield, 8; Guilford, 1; Hamden, 1; Hartford, 38; Litchfield, 1; Madison, 1; Meriden, (city), 1; Middlebury, 5; Middletown, 1; Naugatuck, 5; New Haven, †87; New London, 3; North Haven, 1; Norwalk (city), 4; Norwalk (town), 2; Norwich, 1; Orange, 5; Plymouth, 1; Ridgefield (borough), 1; Seymour, 1; Southbury, 1; Suffield, 1; Tolland, 1; Waterbury, 11; Watertown, 1; West Hartford, 1; West Haven (borough), 5; Willimantic (city), 3; Windsor Locks, 2.—Total, 213 in 36 towns.

Consumption.—Ansonia, 1; Beacon Falls, 1; Bridgeport, 4; Cornwall, 1; Danielson (borough), 1; East Haven, 1; East Lyme, 1; Hartland, 4; Madison, 1; Meriden (city), 1; Meriden (town), 1; Milford, 1; Naugatuck, 1; North Haven, 1; Norwalk (city), 2; Putnam, 2; Ridgefield (borough), 2; Stratford, 1; Waterbury, 6; Willimantic (city), 1; Willington, 1; Woodbury, 2.—Total, 37 in 21 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Berlin, Bethany, Bethlehem, Bloomfield, Bolton, Bridgewater, Bethel, Brookfield, Burlington, Canaan, Chaplin, Chatham, Cheshire, Clinton, Colchester, Colebrook, Columbia, Coventry, Danbury, Durham, Eastford, East Granby, Easton, Ellington, Essex, Fairfield, Farmington, Franklin, Granby, Griswold, Hampton, Hartland, Harwinton, Jewett City (borough), Kent, Killingly, Lebanon, Ledyard, Lisbon, Marlborough, Monroe, New Fairfield, New Hartford, Norfolk, North Branford, North Canaan, North Stonington, Norwich (city), Old Lyme, Old Saybrook, Oxford, Plainfield, Plainville, Pomfret, Portland, Preston, Prospect, Redding, Ridgefield, Rockville (city), Salem, Saybrook, Scotland, Sharon, Sherman, Simsbury, South Windsor, Stafford, Stafford Springs (borough), Stamford, Sterling, Stonington, Union, Vernon, Warren, Weston, Wilton, Winchester, Winsted (borough), Wolcott, Woodbridge, Woodstock.—Total, 84.

All the Health Officers of New Haven and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

HARTFORD CO.—Bristol, Manchester, New Britain (city and town), Windsor Locks.

NEW LONDON CO.—Groton (town and borough), Lyme, Sprague, Stonington (borough), Voluntown, Waterford.

FAIRFIELD CO.—Newtown, South Norwalk (city), Stamford (city).

WINDHAM CO.—Canterbury.

LITCHFIELD CO.—Morris.

MIDDLESEX CO.—Haddam, Middlefield.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Scarlet Fever.—Newington, 1.

Diphtheria and Croup.—Cromwell, 1; Madison, 1; North Haven, 1; Thomaston, 2; Windsor Locks, 2.—Total, 7.

Whooping Cough.—Litchfield, 1; Stafford, 1; Watertown, 3; Woodbury, 2.—Total, 7.

Typhoid Fever.—Seymour, 1; Suffield, 1.—Total, 2.

Consumption.—Beacon Falls, 1; Bloomfield, 1; Canaan, 1; Clinton, 1; Cornwall, 2; Darien, 1; East Haddam, 1; Easton, 1; Essex, 1; Fairfield, 1; Farmington, 1; Hebron, 1; Lisbon, 1; Milford, 1; Seymour, 1; Sterling, 1; Stratford, 1; Suffield, 1; Thomaston, 1; Watertown, 1; Westbrook, 1; Woodbury, 2.—Total, 24.

Report of specimens examined at the Bacteriological Laboratory during the month of August:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis	6	10	..	16
release	2	3	..	5
Tuberculosis	19	26	..	45
Typhoid Fever	10	20	2	32
Total specimens examined				98

OUR POPULATION.

With this issue of the bulletin we make our yearly revision of the estimated population of the cities and towns of the State for the computation of the birth and death rates. In so doing we employ the method recommended by the United States Census Bureau. Assuming that the population increase annually by about the same number we take the increase between 1890 and 1900, adding one-tenth of the amount for each year after 1900. For the State as a whole this method probably comes very close, but for the cities and towns the chance for error is greater, owing to local conditions affecting the rate of growth. Some of our manufacturing towns have grown very rapidly during the past few years, and are no doubt larger than the estimates given. However, this is preferable to our former method of getting an estimate from the Town Clerks of the various towns, because their figures usually had to be cut down when the census returns became available.

It will be noticed that the State has passed the million mark; its population, according to our estimate, being 1,005,854.

THE BULLETIN.—Any citizen of the State who would be interested in the bulletin can have it mailed to him regularly by making application to this office.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of State Board of Health and Superintendent of Vital Statistics.

HARTFORD, September 15, 1906.

*Twelve delayed certificates for July have been received since the publication of the last Bulletin.

† Of the 87 cases in New Haven 11 were in the New Haven Hospitals from other towns, and had probably been reported to the Health Officers of the towns from which they were brought.

METEOROLOGICAL REPORT FOR THE MONTH OF AUGUST, 1906.

U. S. WEATHER BUREAU, New Haven, Conn. L. M. TARR, Observer.

Date	Barometer.† 8 A.M.	Barometer.† 8 P.M.	Temperature.‡ 8 A.M.	Temperature.‡ 8 P.M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	Relative Humidity.‖ 8 A.M.	Relative Humidity.‖ 8 P.M.	Wind. 8 A.M. Direction from	8 A.M. Vel. in m. per h.	Wind. 8 P.M. Direction from	8 P.M. Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Precipitation.* Am't inc. melted snow Inches and 100ths.	Character of Weather. 8 A.M.	8 P.M.	Character of Day.
1	30.20	30.27	71	71	72	77	67	10	88	95	N E	12	N E	5	180	14	T	Cloudy	Light Rain	Cloudy
2	30.31	30.31	67	70	68	72	65	7	85	98	N E	14	N E	7	185	14	.15	Cloudy	Threatening	Cloudy
3	30.26	30.18	68	72	69	72	66	6	96	88	N E	6	E	7	142	8	.28	Light Rain	Cloudy	Cloudy
4	30.06	30.03	72	75	76	85	67	18	98	90	S	6	S W	3	139	14	.49	Cloudy	Clear	Cloudy
5	30.13	30.09	78	78	78	88	67	21	73	81	N W	2	S	6	109	10	0	Clear	Clear	Clear
6	30.10	30.02	75	84	82	92	72	20	93	71	S	4	W	4	154	17	0	Cloudy	Partly Cl'dy	Partly Cl'dy
7	30.06	29.95	79	74	79	88	70	18	79	91	N W	2	N W	6	109	11	.12	Clear	Light Rain	Partly Cl'dy
8	29.93	29.94	72	70	73	78	68	10	87	93	N	15	E	4	169	15	.02	Cloudy	Cloudy	Cloudy
9	29.98	29.99	70	72	73	80	66	14	84	73	N	11	E	2	186	14	0	Clear	Clear	Clear
10	29.98	29.93	64	70	66	72	60	12	92	95	N E	8	S E	3	130	11	.03	Misting	Cloudy	Cloudy
11	29.86	29.85	72	77	74	81	68	13	91	91	S	5	S	10	177	14	0	Partly Cl'dy	Partly Cl'dy	Partly Cl'dy
12	29.93	30.04	76	74	78	88	68	20	84	68	N W	4	N	7	166	14	0	Partly Cl'dy	Clear	Partly Cl'dy
13	30.17	30.01	63	69	68	76	60	16	64	70	N E	17	S W	7	219	20	0	Clear	Clear	Clear
14	29.89	29.78	69	74	71	83	59	24	67	61	N W	8	W	5	176	16	0	Clear	Clear	Clear
15	29.90	29.93	66	70	68	77	58	19	55	46	N W	4	N W	4	180	18	0	Clear	Clear	Clear
16	30.03	30.06	62	72	68	79	56	23	68	72	N E	11	S	5	158	12	0	Clear	Clear	Clear
17	30.16	30.21	69	73	70	81	60	21	72	77	N E	6	S W	7	132	10	0	Clear	Clear	Clear
18	30.25	30.19	68	74	71	80	62	18	75	80	W	4	S	6	145	13	T	Clear	Clondy	Partly Cl'dy
19	30.23	30.15	74	75	78	87	70	17	86	84	S W	5	S	8	200	18	0	Partly Cl'dy	Clear	Clear
20	30.16	30.04	74	75	77	83	71	12	91	86	S W	7	S	8	225	20	0	Cloudy	Cloudy	Partly Cl'dy
21	29.98	29.92	74	75	77	80	74	6	94	91	S W	14	S	9	233	16	T	Light Rain	Cloudy	Cloudy
22	29.92	29.90	74	76	78	83	74	9	94	88	S	4	S	10	192	18	.03	Cloudy	Cloudy	Partly Cl'dy
23	29.88	29.79	75	78	80	86	73	13	91	87	S W	6	S W	6	213	20	0	Cloudy	Clear	Partly Cl'dy
24	30.05	30.18	65	66	68	76	60	16	80	78	N E	14	N E	6	255	24	T	Cloudy	Clear	Partly Cl'dy
25	30.27	30.21	62	66	64	74	55	19	74	66	N E	7	E	6	241	18	0	Clear	Clear	Partly Cl'dy
26	30.15	29.97	64	72	70	81	59	22	82	93	N E	8	E	6	183	12	T	Cloudy	Threatening	Partly Cl'dy
27	29.79	29.76	76	76	78	84	71	13	89	92	S	19	S W	9	314	24	.01	Partly Cl'dy	Light Rain	Cloudy
28	29.92	29.98	67	71	74	81	67	14	73	74	N W	12	S W	4	170	18	0	Cloudy	Clear	Partly Cl'dy
29	30.03	30.01	67	70	68	77	60	17	73	82	N	4	S W	5	144	13	0	Partly Cl'dy	Partly Cld'y	Partly Cl'dy
30	29.92	29.83	72	76	77	86	68	18	88	84	S W	5	S W	8	160	13	0	Partly Cl'dy	Partly Cl'dy	Partly Cld y
31	29.87	29.95	71	69	72	82	62	20	72	59	N	4	N W	6	172	16	0	Clear	Clear	Clear
Month Ave's.	30.04	30.02	70	73	73	81	65	16	82	81	N E	8	S W	6	179	24	1.13			

SUMMARY.

Barometer.

Monthly Mean, 30.03 inches.

Highest, 30.31 in.; Date, 2.

Lowest, 29.76 in.; Date, 27.

Monthly range, .55 inches.

Temperature.

Monthly Mean, 73 degrees.
Highest, 92 degrees; Date, 6.
Lowest, 55 degrees; Date, 25.
Absolute range, 37 degrees.
Greatest daily range, 24 degrees; Date, 14.
Least daily range, 6 deg.; Date, 3.
Mean daily range, 16 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 404 degrees.

Wind.

Prevailing direction, S.
Mean hourly velocity, 8 miles.
Max. velocity and direction, 24 N E; Date, 24.
Total monthly movement, 5558 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 13.
*Greatest 24 hour precipitation, (in. and 100ths), 7.5; Date, 3, 4.
Total monthly precipitation, (in. and 100ths), 1.13 in.
Total depth of snowfall (in.), 0.
Dates of thunder storms, 4, 7, 11, 23, 27.
Accumulated excess of precipitation since Jan. 1st, 0.36 inches.

Compar. Temp. (Mon. Mean.)

1873---69 deg.	1890---69 deg.	1873---9.90	1890---2.67
1874---68 "	1891---71 "	1874---12.99	1891---3.14
1875---71 "	1892---71 "	1875---5.56	1892---4.99
1876---72 "	1893---71 "	1876---1.20	1893---4.86
1877---73 "	1894---69 "	1877---5.69	1894---1.70
1878---71 "	1895---71 "	1878---4.93	1895---3.91
1879---68 "	1896---71 "	1879---9.40	1896---2.57
1880---70 "	1897---69 "	1880---8.14	1897---6.81
1881---72 "	1898---72 "	1881---2.51	1898---6.65
1882---70 "	1899---70 "	1882---0.26	1899---0.65
1883---68 "	1900---73 "	1883---1.26	1900---0.90
1884---70 "	1901---72 "	1884---5.60	1901---6.92
1885---69 "	1902---69 "	1885---8.13	1902---2.14
1886---69 "	1903---65 "	1886---4.56	1903---6.96
1887---68 "	1904---69 "	1887---4.80	1904---6.27
1888---70 "	1905---68 "	1888---7.10	1905---7.20
1889---68 "	1906---73 "	1889---4.38	1906---1.13

Com. Rainfall. (Inches and 100ths.)

Monthly mean humidity, 81 per cent. Monthly mean dew point, 72. Number of clear days, 9. Number of fair days, 14. Number of cloudy days, 8.

Notes.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 116 feet. Elevation of rain and snow gauges, 111 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XX NO. 9

MEMBERS OF THE BOARD

WM. H. BREWER, LL.D., PRES., NEW HAVEN
T. H. McKENZIE, C.E., SOUTHINGTON
E. K. ROOT, M.D., HARTFORD
A. W. PHILLIPS, M.D., DERBY
LEWIS SPERRY, ESQ., HARTFORD
S. B. OVERLOCK, M.D., POMFRET

J. H. TOWNSEND, M.D., SECRETARY

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF SEPTEMBER 1906

Entered at the Post-Office, Hartford, Conn., as Second-Class Mail Matter

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of September, 1906, and a Statement of the Births and Marriages for the Month of August, 1906.

Total estimated population of the State, 1,005,854.

TOWNS.	Estimated Population.	Living Births in August.	Still Births in August.	Marriages in August.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	14,084	57	1	5	16	13.6	2	1	18.7	----	----	----	----	----	----	1	----	----	----	----	4	----	1	1	----	2	----	2	5
Branford,	6,453	12	1	3	5	9.2	1	----	20.0	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	1	3
Bridgeport,	84,274	241	7	81	115	15.9	23	9	27.8	----	1	----	----	----	4	----	1	1	----	----	8	2	13	5	1	6	9	9	55
Bristol,	11,000	35	2	6	15	16.3	6	1	46 6	----	----	1	----	----	----	1	----	----	----	----	1	----	1	2	----	1	2	1	5
Danbury,	19,475	33	4	6	24	14.7	4	3	29.1	----	----	----	----	----	----	----	----	1	1	----	1	1	2	1	----	3	2	1	11
Derby,	9,106	14	2	7	16	21.0	4	1	31.2	----	2	----	----	----	----	----	----	----	----	----	2	----	1	----	----	----	1	2	8
East Hartford,	7,576	16	2	2	11	17.4	3	2	45.4	----	----	----	----	----	1	----	----	----	----	----	3	----	1	----	----	----	1	----	4
Enfield,	6,400	26	1	10	14	26.2	8	1	64.2	----	----	----	----	----	----	1	----	1	----	----	2	----	----	----	----	3	1	----	6
Greenwich,	13,396	29	----	9	35	31.3	9	4	37.1	----	----	----	----	----	1	1	----	----	----	----	3	----	1	1	1	3	2	2	20
Groton,	6,215	14	1	2	10	19.3	3	1	40.0	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	----	2	----	----	6
Hamden,	5,072	14	----	4	6	14.1	3	----	50.0	----	----	1	----	----	----	----	----	----	----	----	1	----	1	----	----	----	1	----	2
Hartford,	95,822	190	4	57	141	15.4	31	7	26.9	----	----	----	----	----	1	2	----	9	----	----	10	2	9	6	1	11	12	11	67
Huntington,	6,510	14	3	3	6	11.0	1	----	16.6	----	----	----	----	----	2	----	----	----	----	----	1	----	----	----	----	----	1	1	1
Killingly,	6,720	15	----	3	12	21.4	3	1	33 3	----	----	----	----	----	----	----	----	----	----	----	2	----	2	----	1	2	----	----	5
Manchester,	12,028	31	2	7	12	11.9	----	4	33.3	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	3	2	1	5
Meriden,	30,658	67	4	17	30	11.3	7	2	30.0	----	----	----	----	----	----	1	1	----	1	----	3	1	2	----	----	6	----	2	13
Middletown,	18,855	30	1	12	33	14.0	7	1	24 2	----	----	----	----	----	----	1	----	----	----	----	4	1	5	----	----	5	5	4	8
Naugatuck,	13,134	33	----	4	12	10.9	7	1	66 6	----	----	----	----	----	----	1	----	----	----	----	4	----	----	----	----	3	----	1	3
New Britain,	33,720	107	3	45	40	14.2	20	4	60.0	----	----	----	----	----	1	4	----	1	----	1	9	----	4	1	----	3	3	----	13
New Haven,	121,216	278	11	98	170	14.7	28	21	28.8	----	1	----	----	1	11	1	----	13	1	----	13	1	11	12	3	17	7	11	67
New London,	19,822	46	----	20	27	16.3	6	----	22.2	----	----	----	----	----	----	----	----	1	----	----	3	----	2	1	----	2	6	4	8
New Milford,	5,336	10	1	2	2	4.4	----	----	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1
Norwalk,	21,243	45	1	15	35	18.7	10	1	31.4	----	----	----	----	----	2	----	----	----	----	----	5	----	6	----	----	1	2	3	16
Norwich,	25,620	55	----	18	31	12.6	8	----	25.8	----	----	----	----	----	----	1	----	----	----	----	3	1	2	1	----	1	2	1	19
Orange,	8,470	16	1	2	9	12.7	3	1	44.4	----	----	----	----	----	1	----	----	----	----	----	2	----	----	----	1	1	1	1	2
Putnam,	7,850	12	----	5	18	27.5	6	1	38.8	----	----	----	----	----	----	1	----	----	----	----	2	2	3	----	----	1	----	1	8
Southington,	6,123	22	2	1	9	17.6	3	----	33.3	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	2	1	5
Stamford,	20,720	52	3	22	39	22.5	6	5	27.9	----	----	----	----	----	----	----	----	----	----	----	4	----	2	2	----	7	4	3	17
Stonington,	9,353	23	----	3	13	16.6	5	5	76.1	----	----	----	----	----	2	----	----	----	----	----	7	----	1	----	----	1	----	----	2
Thompson,	6,960	12	1	2	10	17.2	4	1	50.0	----	----	----	----	----	1	----	----	----	----	----	3	----	----	----	1	1	1	----	3
Torrington,	16,300	28	----	5	13	9.5	5	4	69.2	----	1	----	----	----	----	----	----	1	----	----	4	----	----	----	----	1	----	----	6
Vernon,	8,290	14	2	10	6	8.6	1	----	16 6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	1	2	----	2
Wallingford,	10,450	26	----	2	12	13.7	6	----	50 0	----	----	----	----	----	1	----	----	----	----	----	4	----	----	----	1	----	2	----	4
Waterbury,	61,900	187	5	41	70	13.5	26	8	48.5	----	----	----	1	----	1	2	----	4	----	----	12	1	6	2	3	5	2	4	27
Winchester,	8,710	13	----	3	11	15.1	1	2	27.2	----	----	----	----	----	1	1	----	----	----	----	----	2	1	----	----	----	1	1	4
Windham,	10,200	32	----	5	23	27.0	12	----	52.1	----	----	----	----	----	----	----	----	1	----	----	6	1	1	----	----	2	2	----	10
Total of the 36 above towns,	769,061	1849	65	537	1051	16.3	272	92	34.6	----	5	2	1	1	30	19	2	33	4	1	128	16	80	36	13	95	76	68	441
125 towns of less than 5,000 inhabitants,	232,365	396	18	89	289	14.9	62	20	28.3	----	----	--	3	2	1	5	----	7	1	----	30	9	9	10	3	38	29	8	134
Total reported from 161 towns,	1,001,426	2245	83	626	1340	16 0	334	112	33.2	----	5	2	4	3	31	24	2	40	5	1	158	25	89	46	16	133	105	76	575
Population of towns not reporting	4,428																												

The Mortality in Public Institutions of the State was: in Bridgeport, 24; in Hartford, 52; in Meriden, 4; in Middletown, 14; in New Haven, 52; in Norwalk, 2; in Norwich, 8; in Stamford, 1; and in Waterbury, 9. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in September: Andover, Berlin, Bethany, Bridgewater, Chaplin, Colebrook, Essex, Goshen, Hampton, Harwinton, Lisbon, Lyme, Middlebury, Morris, North Branford, Pomfret, South Windsor, Tolland, Wilton, Woodbridge.—Total, 20.

The Registrars of the following towns have made no report for September: Ashford, Brookfield, East Granby, Marlborough, Rocky Hill, Scotland, Westbrook.—Total 7.

REMARKS.

By mortality reports received there were 1340 deaths during the month of September. This was 310 less than in August, and 144 more than in September of last year, and 155 more than the average number of deaths during September for the five years preceding.

	1906	1905	1904	1903	1902	1901
January,	1,340	1,412	1,440	1,420	1,172	1,439
February,	1,235	1,368	1,387	1,303	1,124	1,381
March,	1,489	1,577	1,525	1,421	1,239	1,441
Total first quarter,	4,064	4,357	4,352	4,144	3,535	4,261
April,	1,430	1,329	1,377	1,245	1,191	1,253
May,	1,404	1,199	1,317	1,265	1,100	1,056
June,	1,249	1,289	1,129	1,163	1,061	1,022
Total second quarter,	4,082	3,817	3,823	3,673	3,352	3,331
July,	1,537	1,650	1,409	1,414	1,394	1,297
August,	*1,650	1,417	1,362	1,404	1,348	1,310
September	1,340	1,196	1,169	1,160	1,166	1,235
Total third quarter,	4,527	4,263	3,940	3,978	3,908	3,842

The death rate was 16.3 for the large towns, for the small towns 14.9 and for the whole state 16.0.

The deaths reported from infectious diseases were 205, being 15.2 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—Bridgeport,2 ; Canton, 2; Danielson (borough), 1; Derby, 1; New Haven, 6; Seymour, 1; Suffield, 1.—Total, 14 in 7 towns.

Scarlet Fever.—Ansonia, 2; Bridgeport, 4; Fairfield, 1; Farmington, 1; Greenwich, 1; Hamden, 1; Hartford, 7; Middletown (city), 2; New Haven, 10; Norwalk, 6; Norwich (city), 1; South Norwalk (city), 1; Stratford, 1; Waterbury, 2; Willimantic (city), 1; Windsor, 1; Windsor Locks, 7.—Total, 49 in 17 towns.

Cerebro Spinal Fever.—Manchester, 1.

Diphtheria and Croup.—Bridgeport, 18; Danbury (city), 7; Derby, 2; Greenwich, 2; Hartford, 4; Huntington, 12; Mansfield, 1; Meriden (city), 3; Naugatuck, 1; New Haven, 41; New London, 1; North Haven, 7; Norwalk (city), 1; Norwalk (town), 4; Plymouth, 1; Redding, 1; Shelton (borough), 1; South Norwalk (city), 2; Stamford (city), 1; Stonington, 3; Thomaston, 1; Thompson, 2; Torrington (town and borough), 2; Wallingford, 12; Waterbury, 7; West Hartford, 8; West Haven (borough), 3; Wethersfield, 1; Windsor Locks, 1; Winsted (borough), 13.—Total, 173 in 29 towns.

Whooping Cough.—Bridgeport, 1; Chester, 6; East Haddam, "yes," Enfield, 8; Hebron, 5; Plymouth, 1; Putnam, 1; South Norwalk (city), 1; South Windsor, 7; Washington, 1; Waterbury, 2; Windsor Locks "several."—Total, 33+ in 12 towns.

Typhoid Fever.—Ansonia, 1; Bloomfield, 1; Bridgeport, 8; Canaan, 1; Canton, 1; Chatham, 2; Chester, 1; Colebrook, 2; Cornwall, 2; Cromwell, 2; Derby, 1; East Lyme, 1; Ellington, 1; Enfield, 4; Glastonbury, 1; Greenwich, 1; Guilford, 1; Haddam, 2; Hamden, 2; Hartford,† 49; Killingly, 1; Madison, 1; Manchester, 3; Meriden (city), 2; Middlebury, 1; Milford, 2; Naugatuck, 1; New Canaan, 1; New Haven,‡ 61; Norfolk, 1; North Canaan, 1; North Haven, 2; Norwalk (city), 2; Norwalk (town), 1; Norwich (city), 1; Plainfield, 2; Plymouth, 2; Portland, 1; Ridgefield, 1; Rockville (city), 2; Seymour, 1; Shelton (borough), 1; Somers, 1; Stamford (city), 2; Stonington, 1; Thomaston, 1; Wallingford, 2; Waterbury, 7; West Hartford, 2; West Haven (borough), 2; Westport, 1; Wethersfield, 1; Willimantic (city), 3; Wilton, 1; Woodstock, 2.—Total, 201 in 54 towns.

Consumption.—Bridgeport, 5; Goshen, 1; Guilford, 1; Hartford, 5; Killingly, 1; Milford, 1; North Haven, 1; South Norwalk (city), 3; Waterbury, 4; Watertown, 1.—Total, 23 in 10 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Barkhamsted, Beacon Falls, Berlin, Bethany, Bethel, Bethlehem, Bolton, Bozrah, Branford, Bridgewater, Burlington, Canterbury, Chaplin, Cheshire, Clinton, Colchester, Columbia, Coventry, Danbury, Darien, Durham, Eastford, East Haven, Easton, East Windsor, Essex, Franklin, Granby, Griswold, Groton (town), Groton (borough), Hampton, Jewett City (borough), Kent, Killingworth, Lebanon, Ledyard, Lisbon, Litchfield, Lyme, Meriden, Monroe, Montville, Morris, New Fairfield, New Hartford, Newington, New Milford, Newtown, North Branford, North Stonington, Norwich, Old Lyme, Old Saybrook, Oxford, Plainville, Pomfret, Preston, Prospect, Ridgefield (borough), Rocky Hill, Roxbury, Salem, Salisbury, Saybrook, Scotland, Sharon, Sherman, Simsbury, Southbury, Sprague, Stafford, Stafford Springs (borough), Stamford, Sterling, Tolland, Trumbull, Union, Vernon, Voluntown, Warren, Waterford, Westbrook, Weston, Willington, Winchester, Windham, Wolcott, Woodbridge, Woodbury.—Total, 93.

* Eleven delayed certificates for August have been received since the publication of the last Bulletin.

† Includes 16 non-resident cases in hospitals.

‡ Includes hospital cases from out of city.

All the Health Officers of Tolland County have reported, but the Health Officers of the following Towns have not reported:

Hartford Co.—Bristol (town and borough), East Granby, East Hartford, Hartland, Marlborough, New Britain (city and town), Southington.

New Haven Co.—Orange.

New London Co.—Stonington (borough).

Fairfield Co.—Brookfield.

Windham Co.—Brooklyn.

Litchfield Co.—Harwinton.

Middlesex Co.—Middletown, Middlefield.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

La Grippe.—Lebanon, 1; Salisbury, 1; Sprague, 1.—Total, 3.

Cerebro Spinal Fever.—Plymouth, 1; Seymour, 1.

Diphtheria and Croup.—West Hartford, 1.

Whooping Cough.—Cromwell, 1; Farmington, 1; Newington, 1; Seymour, 1; Suffield, 1,—Total, 5.

Typhoid Fever.—Chatham, 1; Chester, 1; Cornwall, 1; Guilford, 1; North Haven, 1; Plainfield, 1, Ridgefield, 1.—Total, 7.

Consumption.—Chester, 1; Farmington, 1; Griswold, 1; Guilford, 1; Litchfield, 1; Mansfield, 1; Montville, 1; Thomaston, 1; Wethersfield, 1.—Total, 9.

Report of specimens examined at the Bacteriological Laboratory during the month of September:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis	14	24	..	38
release	16	13	..	29
Tuberculosis	18	39	..	57
Typhoid Fever	11	19	2	32
Total specimens examined				156

DIPHTHERIA.

In the reports of infectious diseases from the various towns which appear in this bulletin, the presence of diphtheria in certain localities is very noticeable and it would appear that the disease is going to be much more prevalent this winter than for some years past unless energetic means are taken to prevent its spread.

Diphtheria is a disease that is propagated principally by means of the secretions from the throats of infected individuals which contain in large numbers the specific bacillus to which the disease is due. This bacillus effects a lodgment in the throat of susceptible persons, where it produces an inflammation and exudation and as the disease progresses the toxic symptoms of diphtheria.

For the prevention of diphtheria, not only is disinfection necessary but the infected individuals should be isolated until all danger of their communicating the disease is passed. Much attention has been given by bacteriologists to the question as to how long the bacillus may persist in the throats of convalescents from the disease. Dr. Park of the New York Health Department found in investigating a series of cases that, while in the majority the specific bacilli disappeared within two weeks, there were a considerable number of cases where they remained much longer. This shows the necessity for expert opinion before one who has recovered from the disease is allowed to associate with susceptible children, and only when this is done will our quarantine and disinfection be effective.

The State of Connecticut has very generously provided a laboratory where examinations are made free of charge to determine the presence or absence of the diphtheritic bacillus. This laboratory, though it has been running but a few months, is steadily gaining in favor with the physicians and there were 30 per cent. more examinations made during the past month than during any previous month, but the laboratory is not used as much as it should be for release examinations in cases of diphtheria. This is one of its chief values, and health officers and physicians are urged to make use of it for this purpose.

There is often a great deal of pressure brought to bear on health officers to terminate a quarantine too quickly, almost as soon as the membranes disappear from the throat, but it is not safe to do so, until a bacteriological examination has demonstrated the absence of the specific bacillus. Then only is the time to disinfect the apartments that have been occupied by the sick and allow the patient to mingle with other people.

Respectfully submitted,

Joseph H. Townsend, M.D.,

Secretary of State Board of Health and Superintendent of Vital Statistics.

Hartford, October 15, 1906.

METEOROLOGICAL REPORT FOR THE MONTH OF SEPTEMBER, 1906.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

DATE	BAROMETER.†		TEMPERATURE.‡						RELATIVE HUMIDITY.‖		WIND.					PRECIPITATION.*	CHARACTER OF WEATHER.		CHARACTER OF DAY.
											8 A. M.		8 P. M.						
	8 A. M.	8 P. M.	8 A. M.	8 P. M.	Daily Mean of Max. and Min.	Maximum.	Minimum.	Range.	8 A. M.	8 P. M.	Direction from	Vel. in m. per h.	Direction from	Vel. in m. per h.	Daily Movement.	Max. velocity for a single Mile.	Am't inc. melted snow Inches and 100ths.	8 A. M.	8 P. M.	
1	30.11	30.16	62	62	62	72	53	19	50	54	N	14	N W	4	206	19	0	Clear	Clear	Clear
2	30.19	29.96	58	69	60	74	47	27	61	72	N W	2	S	13	240	24	0	Clear	Cloudy	Partly Cl'dy
3	29.61	29.73	71	71	73	83	63	20	95	58	S W	19	N W	5	342	25	.15	Cloudy	Clear	Partly Cl'dy
4	29.97	30.11	61	60	62	71	53	18	54	60	N W	16	N W	8	274	25	0	Clear	Clear	Clear
5	30.31	30.25	56	62	59	71	47	24	63	68	N E	9	S W	3	147	13	0	Clear	Clear	Clear
6	30.18	30.00	61	69	66	78	54	24	71	81	S W	6	S W	10	226	21	0	Clear	Clear	Clear
7	29.99	29.79	69	74	72	84	60	24	68	73	N	5	S W	4	167	16	0	Clear	Clear	Clear
8	29.87	29.92	68	66	70	76	64	12	78	75	N	7	S	10	203	15	0	Partly Cl'dy	Cloudy	Partly Cl'dy
9	29.92	29.79	68	73	74	84	63	21	76	86	S W	10	S W	5	157	12	0	Cloudy	Clear	Partly Cl'dy
10	29.84	29.99	74	72	77	89	65	24	69	73	N	8	S E	5	171	13	0	Clear	Clear	Clear
11	30.13	30.14	69	70	70	76	65	11	83	88	S	4	S E	10	189	17	0	Partly Cl'dy	Clear	Clear
12	30.10	30.04	69	71	70	74	65	9	88	92	N E	5	S	4	132	18	1.49	Cloudy	Clear	Cloudy
13	29.97	29.86	72	74	74	80	67	13	93	93	S W	4	S	11	179	14	T	Cloudy	Cloudy	Partly Cl'dy
14	29.95	30.12	67	68	68	78	59	19	70	60	N	13	N E	14	279	21	0	Cloudy	Clear	Partly Cl'dy
15	30.29	30.37	56	59	62	72	51	21	68	57	N E	8	N E	8	338	27	0	Clear	Clear	Clear
16	30.45	30.40	53	60	58	71	46	25	75	78	N E	17	E	9	296	19	0	Clear	Clear	Clear
17	30.32	30.21	56	66	63	73	53	20	82	83	N	7	S W	7	160	13	0	Cloudy	Clear	Clear
18	30.16	30.08	66	74	72	86	59	27	68	87	S W	1	S W	6	136	16	0	Clear	Clear	Clear
19	30.07	30.01	73	78	78	90	67	23	78	82	S W	4	S W	4	114	13	0	Clear	Clear	Clear
20	30.01	29.91	70	70	74	79	68	11	77	98	N E	10	S W	2	137	12	.60	Partly Cl'dy	Sprinkling	Cloudy
21	29.90	30.01	75	75	78	86	70	16	86	85	N	3	N E	3	146	14	0	Clear	Clear	Partly Cl'dy
22	30.13	29.96	67	64	66	70	62	8	92	97	E	7	N E	5	168	15	2.41	Cloudy	Light Rain	Cloudy
23	29.85	29.93	68	70	71	80	62	18	92	79	W	6	N W	4	175	18	0	Partly Cl'dy	Clear	Partly Cl'dy
24	30.20	30.32	54	55	58	67	49	18	64	59	N	9	N E	8	236	17	0	Clear	Clear	Clear
25	30.51	30.47	49	58	54	65	43	22	67	66	N E	12	S	8	174	13	0	Clear	Clear	Clear
26	30.42	30.34	55	65	58	70	45	25	77	79	S	1	S	10	195	15	0	Clear	Partly Cl'dy	Partly Cl'dy
27	30.23	30.24	65	65	64	70	57	13	95	92	S W	4	N W	9	195	16	.15	Light Rain	Clear	Cloudy
28	30.41	30.37	57	59	62	72	51	21	70	80	N E	10	S	2	171	18	0	Clear	Clear	Clear
29	30.33	30.09	56	66	58	68	49	19	88	84	N	3	S	10	211	16	.02	Clear	Cloudy	Cloudy
30	29.90	30.09	70	56	60	70	50	20	95	63	S W	12	N	8	269	20	0	Light Rain	Clear	Cloudy
Month Ave's.	30.11	30.09	64	67	66	76	57	19	76	77	N	8	S W	7	201	27	4.82			

SUMMARY.

BAROMETER.

Monthly Mean, 30.10 inches.

Highest, 30.5 in.; Date, 25.

Lowest, 29.61 in.; Date, 3.

Monthly range, .90 inches.

TEMPERATURE.

Monthly Mean, 66 degrees.
Highest, 90 degrees; Date, 19.
Lowest, 43 degrees; Date, 25.
Absolute range, 47 degrees.
Greatest daily range, 27 degrees; Date, 2.
Least daily range, 8 deg.; Date, 22.
Mean daily range, 19 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 493 degrees.

WIND.

Prevailing direction, S W.
Mean hourly velocity, 27 miles.
Max. velocity and direction, N E; Date, 15.
Total monthly movement, 6033 miles.

RAIN AND SNOW.

Total number of days on which precipitation occurred, 8.
*Greatest 24 hour precipitation, (in. and 100ths), 2.41; Date, 22.
Total monthly precipitation, (in. and 100ths), 4.82 in.
Total depth of snowfall (in.), 0.
Dates of thunder storms, 3, 12, 20, 22.
Accumulated excess of precipitation since Jan. 1st, .75 inches.

COMPAR. TEMP. (Mon. Mean.)

1873	62 deg.	1890	63 deg.
1874	64 "	1891	66 "
1875	61 "	1892	62 "
1876	61 "	1893	60 "
1877	65 "	1894	66 "
1878	65 "	1895	66 "
1879	60 "	1896	63 "
1880	64 "	1897	63 "
1881	70 "	1898	67 "
1882	65 "	1899	62 "
1883	61 "	1900	67 "
1884	67 "	1901	64 "
1885	62 "	1902	63 "
1886	64 "	1903	63 "
1887	59 "	1904	62 "
1888	61 "	1905	64 "
1889	63 "	1906	66 "

COM. RAINFALL. (Inches and 100ths.)

1873	2.12	1890	5.38
1874	4.07	1891	3.96
1875	2.10	1892	1.54
1876	5.34	1893	2.24
1877	1.13	1894	4.63
1878	7.67	1895	2.51
1879	2.13	1896	0.42
1880	3.73	1897	2.42
1881	1.45	1898	2.30
1882	13.43	1899	3.33
1883	2.43	1900	2.10
1884	1.41	1901	5.70
1885	0.77	1902	5.84
1886	2.35	1903	2.20
1887	2.21	1904	4.96
1888	7.68	1905	5.07
1889	4.98	1906	4.82

Monthly mean humidity, 77 per cent. Monthly mean dew point, 57. Number of clear days, 15. Number of fair days, 9. Number of cloudy days, 6.

NOTES.—Observations taken on the 75th Meridian time. † Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 116 feet. Elevation of rain and snow gauges, 111 feet. ‡ A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. * Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖ Humidity relative, saturation being 100.

VOL. XX NO. 10

MEMBERS OF THE BOARD

WM. H. BREWER, LL.D., PRES., NEW HAVEN
T. H. McKENZIE, C.E., SOUTHINGTON
E. K. ROOT, M.D., HARTFORD
A. W. PHILLIPS, M.D., DERBY
LEWIS SPERRY, ESQ., HARTFORD
S. B. OVERLOCK, M.D., POMFRET

J. H. TOWNSEND, M.D., SECRETARY

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF OCTOBER 1906

Entered at the Post-Office, Hartford, Conn., as Second-Class Mail Matter

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of October, 1906, and a Statement of the Births and Marriages for the Month of September, 1906.

Total estimated population of the State, 1,005,854.

TOWNS.	Estimated Population.	Living Births in Sept.	Still Births in Sept.	Marriages in Sept.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	14,084	43	1	13	20	17.0	5	2	35.0														3	1		1	1	1	13
Branford,	6,453	13		8	8	14.8	1	2	37.5														1			2			5
Bridgeport,	84,274	221	11	118	94	13.1	20	9	30.8						2	1		1		1	8	1	16	6	2	10	8	6	32
Bristol,	11,000	29	1	3	12	13.0	5	1	50.0		1					2					1			1		2	1		4
Danbury,	19,475	36	2	10	38	23.4	5	2	18.4							1					3		4	6	1	5	5	1	12
Derby,	9,106	20	1	8	15	19.9	5	3	53.3						2						1				1	1		1	9
East Hartford,	7,576	13		4	6	9.5	2		33.3						1								1			1	1		2
Enfield,	6,400	25		14	7	13.1	2	1	42.8							1		1						1		1	1		2
Greenwich,	13,396	31	2	8	15	13.5	3		20.0												2		1	2	1	1	1	3	4
Groton,	6,215	17		1	8	15.4		1	12.5					1									1	1		2	1	1	1
Hamden,	5,072	7		6	2	4.7	1		50.0																				2
Hartford,	95,822	171	9	95	121	13.4	20	8	23.1						1	1		3			3		13	7	4	15	17	9	48
Huntington,	6,510	10	1	3	6	11.0		1	16.6						1			1					3						1
Killingly,	6,720	9		3	8	14.2	1		12.5							1							2	1	1		1		2
Manchester,	12,028	19	1	21	10	9.9	2		20.0														2			2	2		4
Meriden,	30,658	60	2	24	34	13.3	7	2	26.4						1	1					1		5	2	1	4	3	4	12
Middletown,	18,855	36	3	18	47	13.3	2	2	8.5							1		1			2		5	6		7	8	4	13
Naugatuck,	13,134	33	3	5	13	11.8	3		23.0							1					1	1	3	1		2			4
New Britain,	33,720	80	3	35	39	13.5	13	4	43.5					1	1	2		1			4			7		3	3		17
New Haven,	121,216	287	11	125	177	16.9	29	11	22.5						7	2		6		1	1	1	16	9	2	25	22	9	76
New London,	19,822	45		23	22	12.7	5		22.7				1		1						2		3	2		3		2	8
New Milford,	5,336	5		3	6	13.4		1	16.6															1		3			2
Norwalk,	21,243	33	2	19	27	15.2	3	1	14.8						1	1		1			1		2	1		8	3	2	7
Norwich,	25,620	55		27	38	17.3	6	1	18.4			1									2		5	3		3	5	2	17
Orange,	8,470	11	1	4	8	11.3	1	1	25.0									1			1		1		1		1	1	2
Putnam,	7,850	12		5	12	18.3	1	3	33.3						1	1						1	1	2		1	1	1	3
Southington,	6,123	12		4	4	7.8	2	1	75.0						1									1					2
Stamford,	20,720	38		20	37	21.4	9	3	32.4						3						2		2	1	1	6	3	2	17
Stonington,	9,353	19		11	14	17.9	1	2	21.4							1	1				1		1	1		1	3		5
Thompson,	6,960	15		6	7	12.0	2		28.5						1									1			1	2	2
Torrington,	16,300	31	1	6	13	9.5	4	1	38.4						2	1					2	2		1					5
Vernon,	8,290	13		5	6	8.6	1	1	33.3									1			1				1		1		2
Wallingford,	10,450	27	1		9	10.3	1	1	22.2						1						1		2	1		3		1	
Waterbury,	61,900	165	4	56	71	13.5	21	5	36.6						2	2	1	2			6	1	7	1	3	2	3	7	33
Winchester,	8,710	19	1	8	11	15.1									3							1	1	2			3		2
Windham,	10,200	17	3	7	13	15.2	4		30.7				1							1	2		1				1	1	6
Total of the 36 above towns,	769,061	1677	64	726	978	15.2	187	70	26.2		1	1	2	2	32	20	2	19	1	2	46	6	104	70	19	115	100	60	376
126 towns of less than 5,000 inhabitants,	230,590	363	10	135	295	15.3	40	14	18.3						4	3		6	3		13	6	29	15	11	41	24	17	123
Total reported from 162 towns,	999,651	2040	74	861	1273	15.2	227	84	24.4		1	1	2	2	36	23	2	25	4	2	59	12	133	85	30	156	124	77	499
Population of towns not reporting	6,203																												

The Mortality in Public Institutions of the State was: in Bridgeport, 12; in Danbury, 1; in Hartford, 44; in Meriden, 5; in Middletown, 28; in New Britain, 4; in New Haven, 42; in New London, 3; in Norwalk, 2; in Norwich, 6; in Stamford, 2; in Waterbury, 10; and in Winchester, 2. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in October: Barkhamsted, Beacon Falls, Chatham, Cornwall, East Haven, Easton, Franklin, Granby, Hampton, Harwinton, Hebron, Killingworth, Monroe, Morris, New Fairfield, Norfolk, North Branford, North Stonington, Old Lyme, Prospect, Salem, Washington, Watertown, Willington.—Total, 24.

The Registrars of the following towns have made no report for October: Bolton, Ellington, Hartland, Lisbon, Marlborough, South Windsor.—Total 6.

REMARKS.

By mortality reports received there were 1273 deaths during the month of October. This was 69 less than in September, and 107 more than in October of last year, and 143 more than the average number of deaths during October for the five years preceding.

	1906	1905	1904	1903	1902	1901
January,	1,340	1,412	1,440	1,420	1,172	1,439
February,	1,235	1,368	1,387	1,303	1,124	1,381
March,	1,489	1,577	1,525	1,421	1,239	1,441
Total first quarter,	4,064	4,357	4,352	4,144	3,535	4,261
April,	1,430	1,329	1,377	1,245	1,191	1,253
May,	1,404	1,199	1,317	1,265	1,100	1,056
June,	1,249	1,289	1,129	1,163	1,061	1,022
Total second quarter,	4,082	3,817	3,823	3,673	3,352	3,331
July,	1,537	1,650	1,409	1,414	1,394	1,297
August.	1,650	1,417	1,362	1,404	1,348	1,310
September	*1,342	1,196	1,169	1,160	1,166	1,235
Total third quarter,	4,529	4,263	3,940	3,978	3,908	3,842
October,	1,273	1,166	1,167	1,124	1,133	1,062

The death rate was 15.2 for the large towns, for the small towns 15.3 and for the whole state 15.2.

The deaths reported from infectious diseases were 225, being 17.6 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—Andover, 1; Ansonia, 2; Branford, 1; Bridgeport, 10; Canton, 1; East Haven, 1; Hamden, 1; Hartford, 1; New Haven, 16; Simsbury, 1; South Norwalk (city), 1; Wallingford, 1; Waterbury, 4.—Total, 41 in 13 towns.

Scarlet Fever.—Branford, 1; Bridgeport, 5; Burlington, 1; Chatham, 3; Danbury (city), 1; East Windsor, 1; Essex, 1; Farmington, 3; Groton (borough), 1; Guilford, 1; Hamden, 1; Hartford, 7; Middletown (city), 1; Middletown (town), 1; Naugatuck, 3; New Haven, 13; Norwalk, 1; Norwich (city), 3; Oxford, 1; Southington (town and borough), 2; Stonington, 1; Thomaston, 1; Torrington (town and borough), 3; Trumbull, 1; Wallingford, 1; Washington, 4; Waterbury, 2; Willimantic (city), 1; Windsor Locks, 8; Winsted (borough), 1.—Total, 74 in 29 towns.

Cerebro Spinal Fever.—Groton, 1.

Diphtheria and Croup.—Ansonia, 5; Berlin, 1; Bethel, 1; Branford (town and borough), 3; Bridgeport, 17; Burlington, 1; Danbury (city), 9; Darien, 2; Derby, 2; East Windsor, 1; Glastonbury, 1; Greenwich, 7; Hartford, 27; Huntington, 7; Manchester, 1; Meriden (city), 5; Meriden (town), 2; Middletown (city), 1; Milford, 1; Naugatuck, 5; New Haven, 60; New London, 1; Norwalk (city), 1; Norwich (city), 2; Plymouth, 1; Rocky Hill, 1; Seymour, 9; Shelton (borough), 6; Simsbury, 1; South Norwalk (city), 1; Stamford (city), 5; Stonington (town and borough), 3; Suffield, 1; Torrington (town and borough), 9; Wallingford, 1; Waterbury, 14; West Hartford, 3; West Haven (borough), 9; Windsor Locks, 1; Winsted (borough), 7.—Total, 235 in 39 towns.

Whooping Cough.—Bridgeport, 4; East Haddam, "yes,"; Essex, 2; Hartford, 2; Hebron, 10+; Manchester, 6; Naugatuck, 1; North Canaan, 5; Plymouth, 22; Saybrook, 1+; South Windsor, 3; Tolland, 1; Washington, 5; Waterbury, 2; West Haven (borough), "numerous."—Total, 64+in 15 towns.

Typhoid Fever.—Ansonia, 1; Avon, 1; Branford, 1; Bridgeport, 2; Brooklyn, 2; Canaan, 3; Cornwell, 1; Coventry, 2; Danbury (city), 5; Danbury (town), 1; Eastford, 1; East Granby, 1; East Hartford, 1; East Lyme, 1; Ellington, 1; Glastonbury, 2; Guilford, 4; Hamden, 2; Hartford, 19; Madison, 1; Manchester, 2; Meriden (city), 1; Middlebury, 2; Naugatuck, 1; New Haven, 28; North Canaan, 1; Norwalk (city), 1; Norwich, 1; Plainfield, 3; Plymouth, 1; Rockville (city), 1; Salisbury, 6; Seymour, 1; Shelton (borough), 1; Simsbury, 1; Stafford Springs (borough), 1; Stamford (city), 2; Sterling, 1; Suffield, 1; Torrington (town and borough), 5; Waterbury, 8; West Hartford, 1; West Haven, (borough), 1; Willimantic (city), 5; Welton, 2; Windsor, 3; Winsted (borough), 2.—Total, 135 in 46 towns.

Consumption.—Ansonia, 1; Bridgeport, 2; Canton, 1; Clinton, 1; Cromwell, 1; Goshen, 1; Guilford, 1; Hartford, 4; Huntington, 1; Killingly, 2; Milford, 2; Naugatuck, 5; Norwalk (city), 1; Norwalk (town) 1; Norwich, (city), 1; Putnam, 1; Thomaston, 1; Waterbury, 8; West Haven (borough), 1; Woodbury, 1.—Total, 37 in 19 towns.

* Two delayed certificates for September have been received since the publication of the last Bulletin.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Ashford, Barkhamsted, Beacon Falls, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Canterbury, Chaplin, Cheshire, Chester, Colchester (town and borough), Colebrook, Columbia, Danielson (borough), Durham, Easton, Fairfield, Franklin, Granby, Griswold, Hampden, Hartland, Jewett City (borough), Kent, Killingworth, Lebanon, Ledyard, Lisbon, Litchfield (town and borough), Mansfield, Marlborough, Monroe, Montville, New Canaan (town and borough), New Fairfield, New Milford, Norfolk, North Branford, North Haven, Old Lyme, Old Saybrook, Orange, Plainville, Pomfret, Portland, Preston, Prospect, Roxbury, Scotland, Sharon, Sherman, Somers, Southbury, Sprague, Stafford, Stamford, Stratford, Thompson, Union, Vernon, Voluntown, Warren, Watertown, Westbrook, Weston, Westport, Wethersfield, Willington, Windham, Wolcott, Woodbridge, Woodstock.—Total, 76:

All the Health Officers of New Haven, Windham and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

Hartford Co.—Bristol (town and borough), Enfield, New Britain (city and town), Newington,

New London Co.—Lyme, North Stonington, Salem, Waterford.

Fairfield Co.—Newton, Redding, Ridgefield (town and borough).

Litchfield Co.—Harwinton, Morris, New Hartford.

Middlesex Co.—Haddam, Middlefield.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Diphtheria and Croup.—Burlington, 1; Seymour, 3.—Total, 4.

Whooping Cough.—Bethlehem, 1; Montville, 1; Plainfield, 1,—Total, 3.

Typhoid Fever.—Eastford, 1; Glastonbury, 1; Portland, 1; Ridgefield, 1; Salisbury, 1; Woodstock, 1.—Total, 6.

Consumption.—Bethel, 1; Bozrah, 1; Canton, 2; Clinton, 1; Colchester, 1; Cromwell, 1; Darien, 2; Goshen, 1; Griswold, 3; Lebanon, 2; Ledyard, 1; Madison, 1; Newtown, 1; Old Saybrook, 1; Plainfield, 1; Preston, 1; Seymour, 2; Simsbury, 1; Voluntown, 1; Waterford, 1; Weston, 1; Westport, 1; Woodbridge, 1.—Total, 29.

Report of specimens examined at the Laboratory of the State Board of Health during the month of October:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis	19	17	..	36
release	35	31	..	66
Tuberculosis	26	36	..	62
Typhoid Fever	14	14	4	32
Total specimens examined				196
Samples of water analyzed				25

The Annual Conference of the Health Officials of Connecticut, which for the past three years has been held under the auspices of the State Board of Health, will be omitted this year, owing to lack of funds at the disposal of the Board for defraying the expenses of such a Conference. For the same reason, it was impossible to publish the proceedings of the Third Annual Conference held in New Haven last December. The State Board of Health appreciates the value of these annual gatherings of Health Officials, and hopes that another year its finances will be such as to permit of their continuance.

TO THE MEDICAL EXAMINERS

In making out the death certificates of those dying by violence, the Medical Examiners are requested, so far as possible, to state in each instance whether the death was caused by accident, homicide or suicide, and in cases of accidental death, it is desirable to know the kind of accident (railroad, street car, machinery, horse, vehicle, etc.). This will not only aid us in classifying these cases, but the Census Bureau at Washington, to whom we send an abstract copy of every death certificate issued in the state, insists upon having this information, and we depend upon the Medical Examiners to furnish it.

The monthly bulletin of the State Board of Health is sent out from our office in Hartford on the fifteenth of each month, and should be in the hands of all our readers in Connecticut on the sixteenth. Any failure to receive it on that day is due to delay in transmission through the mails.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of State Board of Health and Superintendent of Vital Statistics.

Hartford, November 15, 1906.

METEOROLOGICAL REPORT FOR THE MONTH OF OCTOBER, 1906.

U. S. WEATHER BUREAU, NEW HAVEN, CONN. L. M. TARR, OBSERVER.

Date	Barometer.† 8 A.M.	Barometer.† 8 P.M.	Temperature.‡ 8 A.M.	Temperature.‡ 8 P.M.	Temperature.‡ Daily Mean of Max. and Min.	Temperature.‡ Maximum.	Temperature.‡ Minimum.	Temperature.‡ Range.	Relative Humidity.‖ 8 A.M.	Relative Humidity.‖ 8 P.M.	Wind. 8 A.M. Direction from	Wind. 8 A.M. Vel. in m. per h.	Wind. 8 P.M. Direction from	Wind. 8 P.M. Vel. in m. per h.	Wind. Daily Movement.	Wind. Max. velocity for a single Mile.	Precipitation.* Am't inc. melted snow Inches and tooths.	Character of Weather. 8 A.M.	Character of Weather. 8 P.M.	Character of Day.
1	30.23	30.17	47	54	51	61	41	20	62	74	N E	14	E	3	179	18	0	Clear	Cloudy	Clear
2	30.10	30.02	51	58	58	67	49	18	75	84	N E	6	S	1	137	12	0	Partly Cl'dy	Clear	Clear
3	30.10	30.08	51	59	58	69	46	23	68	82	N E	11	N E	6	169	16	0	Partly Cl'dy	Cloudy	Partly Cl'dy
4	30.06	30.00	52	62	60	70	50	20	84	86	N	12	N E	8	183	13	0	Partly Cl'dy	Clear	Partly Cl'dy
5	29.88	29.85	60	66	64	73	56	17	86	82	N	10	S E	5	176	16	0	Cloudy	Clear	Partly Cl'dy
6	29.70	29.28	62	65	60	68	51	17	92	75	S	7	W	22	283	26	.08	Cloudy	Partly Cl'dy	Cloudy
7	29.68	29.88	50	48	50	57	43	14	57	76	W	20	W	6	352	27	T	Clear	Clear	Clear
8	30.25	30.23	44	53	50	60	40	20	63	58	N W	4	S E	14	215	18	0	Clear	Clear	Clear
9	30.00	29.82	65	52	61	72	50	22	76	100	S	26	N W	20	425	30	.78	Partly Cl'dy	Light Rain	Partly Cl'dy
10	29.74	29.74	48	48	52	58	45	13	90	82	N W	6	N W	5	120	11	.07	Cloudy	Clear	Cloudy
11	29.81	29.99	40	42	44	50	38	12	83	69	S W	4	S W	13	266	28	T	Partly Cl'dy	Cloudy	Partly Cl'dy
12	30.35	30.44	39	43	44	53	34	19	67	65	N W	11	N W	6	176	13	0	Clear	Clear	Clear
13	30.62	30.58	36	43	44	56	31	25	77	73	N E	8	N W	5	160	11	0	Clear	Clear	Clear
14	30.54	30.38	40	50	48	64	33	31	74	74	N E	5	N E	4	155	12	0	Clear	Clear	Clear
15	30.33	30.26	48	60	56	70	41	29	60	48	N E	12	N	9	222	16	0	Clear	Clear	Partly Cl'dy
16	30.28	30.35	53	56	60	71	49	22	52	60	N E	13	N E	16	343	22	0	Partly Cl'dy	Clear	Partly Cl'dy
17	30.44	30.41	51	50	54	60	48	12	75	70	N E	15	N E	15	341	20	0	Cloudy	Cloudy	Partly Cl'dy
18	30.35	30.25	53	59	56	63	48	15	80	75	N E	17	N E	14	314	22	T	Cloudy	Partly Cl'dy	Cloudy
19	30.09	30.01	64	64	62	70	55	15	79	90	E	18	E	14	406	29	0	Cloudy	Cloudy	Partly Cl'dy
20	29.96	30.10	65	57	60	65	56	9	100	97	S E	14	N E	21	319	25	4.73	Light Rain	Heavy Rain	Cloudy
21	30.26	30.31	52	54	54	56	51	5	96	79	N E	24	N E	13	462	31	.99	Light Rain	Cloudy	Cloudy
22	30.28	30.20	52	56	54	58	50	8	87	71	N E	15	N E	8	298	22	0	Cloudy	Cloudy	Cloudy
23	30.12	30.08	54	63	60	68	52	16	100	87	N E	2	N E	6	150	15	0	Foggy	Cloudy	Partly Cl'dy
24	30.22	30.15	48	56	54	60	48	12	79	78	N E	15	E	8	316	22	T	Partly Cl'dy	Cloudy	Partly Cl'dy
25	29.71	29.85	65	60	62	71	53	18	100	70	S	19	S W	4	342	36	.79	Light Rain	Partly Cl'dy	Cloudy
26	30.06	30.03	49	54	54	63	45	18	70	72	N W	4	S	7	122	12	0	Clear	Clear	Clear
27	29.93	29.60	46	63	52	64	41	23	82	89	N E	5	S	8	214	22	0	Partly Cl'dy	Cloudy	Partly Cld'y
28	29.65	29.73	50	50	52	57	47	10	56	52	S W	20	W	10	310	24	T	Clear	Cloudy	Clear
29	29.93	30.14	42	40	42	47	37	10	55	63	W	18	W	6	344	28	0	Clear	Clear	Clear
30	30.18	30.15	42	48	48	59	37	22	69	76	N	3	N E	7	147	15	0	Partly Cl'dy	Partly Cl'dy	Cloudy
31	30.16	30.18	43	41	42	46	37	9	88	74	N	18	N	24			T	Light Rain	Cloudy	Cloudy
Month Ave's.	30.10	30.07	50	54	54	62	45	17	77	75	N E	12	N E	9.9	247	36	7.44			

SUMMARY.

Barometer.

Monthly Mean, 30.08 inches.

Highest, 30.62 in.; Date, 15.

Lowest, 29.28 in.; Date, 6.

Monthly range, 1.34 inches.

Temperature.

Monthly Mean, 54 degrees.
Highest, 73 degrees; Date, 5.
Lowest, 31 degrees; Date, 13.
Absolute range, 42 degrees.
Greatest daily range, 31 degrees; Date, 14.
Least daily range, 5 deg.; Date, 21.
Mean daily range, 17 degrees.
Accumulated excess of daily mean temperature since Jan. 1st, 548 degrees.

Wind.

Prevailing direction, N E.
Mean hourly velocity, 10 miles.
Max. velocity and direction, 36 S; Date, 25.
Total monthly movement, 7646 miles.

Rain and Snow.

Total number of days on which precipitation occurred, 12.
*Greatest 24 hour precipitation, (in. and tooths), 5.19; Date, 20, 21.
Total monthly precipitation, (in. and tooths), 7.44 in.
Total depth of snowfall (in.), 0.
Dates of thunder storms, 9.
Accumulated excess of precipitation since Jan. 1st, 4.14 inches.

Compar. Temp. (Mon. Mean.)				Com. Rainfall. (Inches and tooths.)			
1873	52 deg.	1890	51 deg.	1873	6.18	1890	7.63
1874	52 "	1891	51 "	1874	1.86	1891	4.62
1875	53 "	1892	52 "	1875	3.18	1892	0.94
1876	50 "	1893	54 "	1876	1.12	1893	4.75
1877	54 "	1894	53 "	1877	10.09	1894	6.11
1878	56 "	1895	49 "	1878	2.33	1895	3.32
1879	58 "	1896	50 "	1879	1.41	1896	2.91
1880	51 "	1897	53 "	1880	4.07	1897	1.25
1881	56 "	1898	54 "	1881	2.78	1898	7.22
1882	56 "	1899	54 "	1882	3.54	1899	1.78
1883	49 "	1900	57 "	1883	5.87	1900	2.03
1884	53 "	1901	53 "	1884	2.49	1901	2.95
1885	52 "	1902	54 "	1885	5.37	1902	6.41
1886	53 "	1903	54 "	1886	1.95	1903	2.94
1887	51 "	1904	50 "	1887	3.24	1904	2.21
1888	48 "	1905	54 "	1888	6.46	1905	2.21
1889	49 "	1906	54 "	1889	3.96	1906	7.44

Monthly mean humidity, 76 per cent. Monthly mean dew point, 45. Number of clear days, 10. Number of fair days, 12. Number of cloudy days, 9.

NOTES.—Observations taken on the 75th Meridian time. †Barometer readings reduced to sea-level and temperature of 32. Elevation of thermometers above the ground, 116 feet. Elevation of rain and snow gauges, 111 feet. ‡A minus sign (—) prefixed to figures under this heading indicates temperatures below zero. *Snow is melted and resulting amount of water recorded. A (T) in rainfall column indicates precipitation too small to measure. ‖Humidity relative, saturation being 100.

VOL. XX NO. 11

MEMBERS OF THE BOARD

WM. H. BREWER, LL.D., PRES., NEW HAVEN
T. H. MCKENZIE, C.E., SOUTHINGTON
E. K. ROOT, M.D., HARTFORD
A. W. PHILLIPS, M.D., DERBY
LEWIS SPERRY, ESQ., HARTFORD
B. B. OVERLOCK, M.D., POMFRET

J. H. TOWNSEND, M.D., SECRETARY

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF NOVEMBER 1906

Entered at the Post-Office, Hartford, Conn., as Second-Class Mail Matter

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of November, 1906, and a Statement of the Births and Marriages for the Month of October, 1906.

Total estimated population of the State, 1,005,854.

TOWNS.	Estimated Population.	Living Births in Oct.	Still Births in Oct.	Marriages in Oct.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,	14,084	22	1	22	10	8.5	1	2	30.0						1								1		1	1	1	2	3
Branford,	6,453	18		5	4	7.4	1		25.0														1					1	2
Bridgeport,	84,274	207	9	79	110	14.6	22	14	32.7		2	1		1	3	2		2					10	18	2	6	9	12	42
Bristol,	11,000	21	1	5	14	15.2	2	2	28.5						1							1		1		2	1	2	6
Danbury,	19,475	36	2	23	16	9.2	1	1	12.5															1		1		1	7
Derby,	9,106	31		19	10	13.1	1	4	50.0			1			2								2		1	1			3
East Hartford,	7,576	13		10	7	11.0	1	1	28.5						1			1						1		1		1	2
Enfield,	6,400	24		13	13	24.1	3		23.0						1									1		4	1		6
Greenwich,	13,396	25	1	12	22	19.7	4		18.1														1	1		9	3	5	3
Groton,	6,215	2		10	6	11.5	1		16 6										1				1	1			2		1
Hamden,	5,072	5	1	2	9	16.5	1	1	22.2						1			1					1				1	1	4
Hartford,	95,822	181	1	122	128	14.4	17	4	16.4						4	1		3				1	7	10	3	16	16	14	53
Huntington,	6,510	9	1	2	7	12.9	1		14.2															1			1	3	2
Killingly,	6,720	4	1	7	6	10.7																		2		2			2
Manchester,	12,028	16	2	14	13	12.9	3		23.0														1	2	1		1		8
Meriden,	30,658	59	3	48	39	12.9	3	4	17.9				3	1	1	2	1	1					2	4	1	2	2	5	14
Middletown,	18,855	32	3	23	31	10.8	1	4	16.1									1				1	6	2		7	2		11
Naugatuck,	13,134	29		12	12	10.9	5		41.6														2	1		1	1	2	5
New Britain,	33,720	81	4	57	39	13.8	11	1	30.7						2			1				1	2	2	2	6	2	6	15
New Haven,	121,216	273	11	157	176	16.7	26	15	23.2				2		6	3		8				2	16	22	4	18	20	10	64
New London,	19,822	54	1	34	34	19.9	8	1	26.4									1					2	2		2	5	2	20
New Milford,	5,336	7		6	4	8.9	1		25.0							1						1	1			1			
Norwalk,	21,243	45	2	16	25	14.1	4	1	20 0				1										3	5	1	4	1	1	8
Norwich,	25,620	48	3	35	39	17.3	4	5	23.0									1	1					12	1	4	3	1	16
Orange,	8,470	21		5	9	12.7	1		11.1				1	1				1	1			1		1		1		1	1
Putnam,	7,850	8		5	13	19.8	5	1	46.1						1										1		2		9
Southington,	6,123	10		4	4	7.8	1	1	50.0						1										1				2
Stamford,	20,720	47	1	7	30	16.7						1	1										1	3	3	2	7	1	11
Stonington,	9,353	13		10	10	12.8	1		10.0																	1	3		6
Thompson,	6,960	8	1	1	6	10.3									2												2		2
Torrington,	16,300	30	1	19	9	6.6	2		22.2														1			2	1		5
Vernon,	8,290	17	1	10	14	20.2	3		21.4														2	3		2	1	1	5
Wallingford,	10,450	30		11	17	24.6	2		11.7														2			3	4	3	5
Waterbury,	61,900	163	4	56	66	12.7	12	5	25.7						3	3						1	4	11	1	8	6	1	28
Winchester,	8,710	17		20	13	16.5	3	1	30.7															1		4	3	2	3
Windham,	10,200	22	1	13	18	21.1	6	2	44.4						1								3	1	5	1	2		3
Total of the 36 above towns,	769,061	1619	56	894	983	15.3	158	70	23.1		2	3	8	3	31	12	1	21	3		9	6	72	109	28	109	110	79	377
129 towns of less than 5,000 inhabitants,	235,170	354	18	194	311	15.8	30	13	13.8				2		6	6		5	1		3	2	18	29	5	44	40	22	128
Total reported from 165 towns,	1,004,231	1973	74	1088	1294	15 4	188	83	20 9		2	3	10	3	37	18	1	26	4		12	8	90	138	33	153	150	101	505
Population of towns not reporting	1,623																												

The Mortality in Public Institutions of the State was: in Bridgeport, 23; in Danbury, 1; in Hartford, 45; in Meriden, 11; in Middletown, 15; in New Britain, 3; in New Haven, 37; in New London, 7; in Norwalk, 2; in Norwich, 8; in Stamford, 1; in Waterbury, 4; and in Winchester, 2. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in November: Andover, Bethany, Bethlehem, Chaplin, Chester, Colebrook, Columbia, Hampton, Hartland, Hebron, Lisbon, Madison, Middlefield, Monroe, Morris, New Fairfield, Norfolk, North Branford, North Stonington, Old Saybrook, Prospect, Sherman, Somers, South Windsor, Warren, Woodbridge. Total, 26.

The Registrars of the following towns have made no report for November: East Granby, Marlborough, Voluntown.—Total, 3.

REMARKS.

By mortality reports received there were 1294 deaths during the month of November. This was 8 more than in October, and 37 more than in November of last year, and 139 more than the average number of deaths during November for the five years preceding.

	1906	1905	1904	1903	1902	1901
January,	1,340	1,412	1,440	1,420	1,172	1,439
February,	1,235	1,368	1,387	1,303	1,124	1,381
March,	1,489	1,577	1,525	1,421	1,239	1,441
Total first quarter,	4,064	4,357	4,352	4,144	3,535	4,261
April,	1,430	1,329	1,377	1,245	1,191	1,253
May,	1,404	1,199	1,317	1,265	1,100	1,056
June,	1,249	1,289	1,129	1,163	1,061	1,022
Total second quarter,	4,082	3,817	3,823	3,673	3,352	3,331
July,	1,537	1,650	1,409	1,414	1,394	1,297
August,	1,650	1,417	1,362	1,404	1,348	1,310
September	1,342	1,196	1,169	1,160	1,166	1,235
Total third quarter,	4,529	4,263	3,940	3,978	3,908	3,842
October,	*1,286	1,166	1,167	1,124	1,133	1,062
November,	1,294	1,257	1,162	1,171	1,083	1,104

The death rate was 15.3 for the large towns, for the small towns 15.8 and for the whole state 15.4.

The deaths reported from infectious diseases were 190, being 14.7 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Measles.—Canton, 1; East Haven, 2; Fairfield, 1; Hartford, 1; New Haven, 24; Plymouth, 1; Stamford (city), 3; Stratford, 7; Thomaston, 1; Tolland, 1; Waterbury, 3; West Haven (borough), 1.—Total, 46 in 12 towns.

Scarlet Fever.—Ansonia, 2; Barkhamsted, 2; Chatham, 5; Danbury (city), 1; Derby, 2; East Haven, 1; East Windsor, 1; Haddam, 1; Hartford, 7; Killingly, 2; Manchester, 1; Meriden (city), 2; Middletown (city), 6; Montville, 5; New Haven, 18; New Milford, 1; Norwalk (city), 1; Norwalk (town), 4; Rockville (city), 4; Shelton (borough), 1; Southington, 1; South Norwalk (city), 5; Stamford (city), 4; Thomaston, 2; Thompson, 4; Torrington, 1; Waterbury, 4; Willimantic (city), 2; Willington, 1; Windsor Locks, 6; Winsted (borough), 2.—Total, 99 in 29 towns.

Cerebro Spinal Fever.—Meriden (city), 1.

Diphtheria and Croup.—Ansonia, 9; Berlin, 1; Bethel, 1; Bloomfield, 3; Canaan, 1; Colchester, 1; Danbury (city), 2; Danielson (borough), 1; Derby 8; East Hartford, 1; Enfield, 1; Fairfield, 1; Greenwich (town and borough), 3; Groton, 1; Guilford 2; Hamden, 1; Hartford, 29; Huntington, 7; Kent, 1; Killingly, 1; Meriden (city), 4; Middletown (city), 3; New Canaan, 1; New Hartford, 5; New Haven, 34; New Milford, 1; North Canaan, 2; Norwalk (city), 1; Norwich (city), 2; Plainfield, 2; Plymouth, 2; Putnam (town and city), 3; Rocky Hill, 2; Seymour, 6; Shelton (borough), 8; Southington, 4; South Norwalk (city,) 2; Stafford, 3; Suffield, 1; Thompson, 6; Waterbury, 13; Willimantic (city), 1; Windsor Locks, 2; Winsted (borough), 7.—Total, 190 in 42 towns.

Whooping Cough.—Ansonia, 1; Canaan, 2; Cheshire, 1; Danielson (borough), 1; East Windsor, "number of cases"; Killingly, "many"; Lyme, 2; Plainfield, 10; Plymouth, 14; Sharon, 4; South Windsor, 4; Thomaston, 2; Wallingford, 1; Waterbury, 3; West Haven (borough), "epidemic"; Windsor Locks, "several"; Woodstock, 2.—Total, 47+ in 16 towns.

Typhoid Fever.—Ansonia, 1; Brookfield, 1; Danbury (city), 2; Danbury (town), 1; East Hartford, 2; Ellington, 1; Enfield, 2; Greenwich, 1; Hamden, 1; Hampton, 1; Hartford, 14; Huntington, 1; Killingly, 1; Meriden, 1; Middletown (city), 5; New Haven, 13; Newington, 1; New London, 3; New Milford, 2; North Canaan, 3; North Haven, 1; Norwalk, 1; Norwich (city), 1; Plainfield, 3; Preston, 1; Putnam, 1; Stafford Springs (borough), 1; Stamford (city), 2; Waterbury, 4; West Haven (borough), 3; Wethersfield, 2; Willimantic (city), 2; Winsted (borough). 1.—Total, 82 in 32 towns.

Consumption.—Bethlehem, 1; Durham, 1; Essex, 1; Hamden, 1; Hartford, 8; Killingly, 1; Milford, 1; Naugatuck, 5; Norfolk, 1; Norwalk (city), 1; Putnam, 1; Roxbury, 1; South Norwalk (city), 3; Stamford (city), Waterbury, 6.—Total, 33 in 14 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Beacon Falls, Bethany, Bolton, Bozrah, Brooklyn, Burlington, Canterbury, Chaplin, Clinton, Colebrook, Columbia, Cornwall, Coventry, Cromwell, Darien, Eastford, East Haddam, East Lyme, Easton, Farmington, Franklin, Glastonbury, Goshen, Granby, Griswold, Groton (borough), Hartland, Hebron, Jewett City (borough), Killingworth, Lebanon, Ledyard, Lisbon, Litchfield (town and borough), Madison, Mansfield, Marlborough, Middlebury, Monroe, New Fairfield, North Branford, Norwich, Old Lyme, Old Saybrook, Orange, Oxford, Plainville, Pomfret, Portland, Prospect, Redding, Ridgefield (town and borough), Salem, Salisbury, Saybrook, Scotland, Sherman, Simsbury, Somers, Southbury, Sprague, Stamford, Sterling, Stonington (town and borough), Trumbull, Union, Vernon, Voluntown, Warren, Washington, Waterford, Watertown, Westbrook, West Hartford, Weston, Westport, Wilton, Winchester, Windham, Windsor, Wolcott, Woodbridge, Woodbury.—Total, 86.

All the Health Officers of New Haven, Windham and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

Hartford Co.—East Granby, New Britain.
New London Co.—North Stonington.
Fairfield Co.—Newtown.
Litchfield Co.—Harwinton, Morris.
Middlesex Co.—Middletown, Chester, Middlefield.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

La Grippe.—Colchester, 1; Sprague, 1.

Diphtheria and Croup.—Bloomfield, 1; Canaan, 1; Seymour, 3; Sprague, 1.—Total, 6.

Whooping Cough.—East Windsor, 1; Milford, 2; New Hartford, 1; Plainfield, 1; Windsor Locks, 1.—Total, 6.

Typhoid Fever.—North Canaan, 1; Plainfield, 1; Washington, 1; Windsor, 1; Woodstock, 1—Total, 5.

Consumption.—Bridgewater, 1; Brooklyn, 1; Chatham, 1; Clinton, 1; East Windsor, 1; Glastonbury, 1; Guilford, 1; Haddam, 1; Mansfield, 1; Milford, 1; Montville, 1; New Canaan, 1; Old Lyme, 1; Portland, 1; Salisbury, 1; Sprague, 1; Watertown, 1; Windsor, 1.—Total, 18.

Report of specimens examined at the Laboratory of the State Board of Health during the month of November:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis	21	25	..	46
release	21	22	..	43
Tuberculosis	23	39	..	62
Typhoid Fever	13	22	..	35
Total specimens examined				186
Samples of water analyzed				4

HYDROPHOBIA (RABIES).

During the past few months an unusual number of dogs in the State have been attacked with hydrophobia or rabies. These have often bitten other animals and in several instances human beings. Two deaths have been recently reported; one occurring in Windham during the month of September, and the other in New Britain in November. These facts, with a like prevalence of the disease in our neighboring states, call for measures for its prevention. The most effective way of accomplishing this is by a general muzzling of dogs allowed to go at large and the destruction of those without owners.

The germ of this malady, which has been proven by experiments to be present in the saliva, brain and spinal cord, has not been discovered, but there are certain cell changes found in the brain and spinal cord of animals who have had all the characteristic symptoms of the disease, which are not found under other conditions. These changes are held to be diagnostic and proof that the animal had the disease. In a suspicious case where it is desirable to learn promptly the nature of the animal's ailment, the head and part of the neck should be removed and sent, before decomposition has set in, to a bacteriological laboratory for examination. The laboratory of the State Board of Health does not make these examinations now, but hopes to do so another year. They are made at the Pasteur Institute, New York, at a cost of fifteen dollars each.

The studies of Pasteur have produced an attenuated (mild) virus and led to the discovery that man and animals may be rendered immune to the disease by protective inoculations after they have been bitten by rabid animals. It is generally known that Pasteur Institutes for the treatment of such cases have been established all over the civilized world. The Institute on Twenty-third Street, New York, is the most accessible to this State.

The popular belief that dogs are particularly liable to go mad in hot weather does not appear to be well founded, as the disease may prevail at any season. All animals are susceptible, but canines are specially liable. The period of incubation varies from two weeks to six months, and in far the largest majority of cases develops in less than three months.

Respectfully submitted,
JOSEPH H. TOWNSEND, M.D.,
Secretary of State Board of Health and Superintendent of Vital Statistics.

Hartford, December 15, 1906.

* Thirteen delayed certificates for October have been received since the publication of the last Bulletin.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., NOVEMBER, 1906.

Date.	Temperature. (Degrees Fahrenheit.) Max.	Min.	Mean.	Precipitation. (In inches and hundredths.)	Character of Day.	Sunshine. per cent.
1	45	33	39	0	Clear	100
2	53	34	44	0	Clear	100
3	61	38	50	0	Clear	100
4	52	36	44	0	Partly Cloudy	74
5	54	30	42	0	Partly Cloudy	78
6	53	35	44	0	Clear	100
7	49	35	42	0	Clear	100
8	47	31	39	0	Clear	100
9	46	25	36	.01	Partly Cloudy	44
10	55	40	48	0	Partly Cloudy	35
11	43	35	39	1.50	Cloudy	0
12	42	35	38	.02	Cloudy	0
13	40	31	36	T	Cloudy	28
14	38	28	33	0	Cloudy	22
15	36	24	30	.99	Cloudy	0
16	37	32	34	T	Cloudy	24
17	46	30	38	0	Partly Cloudy	53
18	65	42	54	.01	Cloudy	13
19	61	51	56	.02	Partly Cloudy	36
20	54	46	50	T	Cloudy	2
21	49	38	44	.20	Cloudy	0
22	55	39	47	.04	Cloudy	20
23	45	39	42	0	Cloudy	26
24	42	37	40	T	Cloudy	39
25	53	31	42	0	Clear	98
26	50	38	44	T	Cloudy	0
27	52	43	48	T	Cloudy	38
28	45	24	40	11	Cloudy	0
29	36	23	30	0	Partly Cloudy	76
30	41	23	32	0	Cloudy	5
31						
Mean	48.2	34.5	41.4			

ATMOSPHERIC PRESSURE.

(Reduced to sea level; inches and hundredths.)

Mean ..... 30.04; highest ..... 30.42; date 4
Lowest ..... 29.49; ..... date 15

TEMPERATURE.

Highest ..... 65°; date 18; lowest ..... 23; date 2
Greatest daily range ..... 34°; ..... date 5
Least daily range ..... 5°; ..... date 16

Mean for this Month in

1894 ..... 37° 1905 ..... 40° 1906 ..... 41°

Mean in this month for 3 years 39
Absolute maximum for this month for 3 years 65
Absolute minimum for this month for 3 years 14
Average daily excess (+) or deficiency (—) of this month as compared with mean of 3 years 2.1

PRECIPITATION.

Total this month 2.80
Snowfall 5.2
Greatest precipitation in 24 hours 1.50, date 11
Snow on the ground at end of month 0

Total Precipitation this Month in

1904 ..... 1.52 1905 ..... 1.77 1906 ..... 2.90

Average of this month for 3 years 2.06
Excess (+) or deficiency (—) of this month as compared with average of 3 years 0.84

WIND.

Prevailing direction ..... N. W.
Total movement ..... 4,627 miles
Average hourly velocity 6.7
Maximum velocity (for five minutes) 30 miles per hour, from West on 16th.

WEATHER.

Number of clear days 7
Partly cloudy 7
Cloudy 16
On which .01 inch, or more, of precipitation occurred 9

MISCELLANEOUS PHENOMENA (dates of).

Auroras ..... None
Halos, solar ..... None
Halos, lunar ..... None
Hail ..... None
Sleet ..... None
Fog 9, 22
Thunderstorms ..... None
*Frosts: light, ... ; heavy, ... ; killing, ...

Note.—"T" indicates trace of precipitation.

* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

STANLEY S. SCHWORH, Temporarily in Charge,
Weather Bureau.

VOL. XX NO. 12

MEMBERS OF THE BOARD

WM. H. SREWER, LL.D., PRES., NEW HAVEN
T. H. McKENZIE, C.E., SOUTHINGTON
E. K. ROOT, M.D., HARTFORD
A. W. PHILLIPS, M.D., DERBY
LEWIS SPERRY, ESQ., HARTFORD
S. S. OVERLOCK, M.D., POMFRET

J. H. TOWNSEND, M.D., SECRETARY

MONTHLY BULLETIN

OF THE

CONNECTICUT

STATE BOARD OF HEALTH

FOR THE

MONTH OF DECEMBER, 1906

Entered at the Post-Office, Hartford, Conn., as Second-Class Mail Matter

PRESS OF T., M. & T. CO.

ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of December, 1906, and a Statement of the Births and Marriages for the Month of November, 1906.

Total estimated population of the State, 1,005,854.

TOWNS.	Estimated Population.	Living Births in Nov.	Still Births in Nov.	Marriages in Nov.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Diseas.	Accidents and Violence.	All other Diseases.
Ansonia,	14,084	36	---	25	13	11.0	2	---	15.3	---	---	---	---	---	---	---	---	---	---	---	---	---	4	---	---	4	1	---	4
Branford,	6,453	12	---	4	7	13.0	1	1	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	2	1	1	1	---	1	1
Bridgeport,	84,274	200	10	104	128	18.0	24	14	29 6	---	3	---	---	1	7	---	---	2	---	---	1	1	15	23	1	5	9	9	51
Bristol,	11,000	21	2	12	14	15.2	1	1	14.3	---	1	---	---	---	---	---	---	---	---	---	---	---	2	3	---	---	1	1	6
Danbury,	19,475	30	4	19	35	20.3	3	---	8.5	---	---	---	---	---	---	---	---	1	---	---	---	---	4	4	1	5	7	6	7
Derby,	9,106	23	1	18	16	21.0	2	3	31.2	---	1	---	---	---	2	---	---	---	---	---	---	---	1	2	1	4	---	1	4
East Hartford,	7,576	20	---	4	10	15.8	2	2	40.0	---	---	---	1	---	2	---	---	---	---	---	---	---	---	3	---	---	1	1	2
Enfield,	6,400	22	3	11	13	24.1	4	---	30.7	---	---	---	---	---	1	---	---	---	---	1	---	---	---	1	---	1	2	2	5
Greenwich,	13,396	20	3	9	20	17.9	2	---	10.0	---	---	---	---	---	---	---	1	---	---	---	---	---	3	1	1	---	2	2	10
Groton,	6,215	19	---	---	10	19.3	2	---	20.0	---	---	---	1	---	---	---	---	---	---	---	---	---	1	1	1	---	2	1	3
Hamden,	5,072	8	---	2	8	18.9	1	1	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	2	2	1	---	1	1	1
Hartford,	95,822	178	4	95	130	14.1	17	8	19.2	---	---	---	5	---	4	1	2	1	---	---	1	---	11	20	1	14	12	11	47
Huntington,	6,510	13	2	3	6	11.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	---	1	1	---	2
Killingly,	6,720	8	---	7	13	21.7	3	---	23.3	---	---	---	---	---	---	1	---	---	---	---	---	---	1	---	---	2	1	2	6
Manchester,	12,028	23	---	7	14	13.9	2	1	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	3	3	---	7
Meriden,	30,658	28	2	27	44	17.2	6	---	13.6	---	---	---	2	1	---	1	---	---	---	---	---	---	5	3	1	11	4	6	10
Middletown,	18,855	41	2	20	41	17.1	4	2	14.6	---	---	1	---	---	1	---	---	1	---	---	---	---	5	5	1	8	10	2	7
Naugatuck,	13,134	27	---	16	11	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	1	2	2	---	5
New Britain,	33,720	97	5	30	42	14.9	9	7	38.0	---	1	---	---	---	3	1	---	---	---	---	---	---	4	6	1	5	2	1	18
New Haven,	121,216	257	11	96	195	18.5	36	14	25.6	---	1	---	2	---	6	2	1	8	---	---	1	1	18	36	5	19	21	7	67
New London,	19,822	62	3	23	35	20.5	2	3	14.3	---	---	---	1	---	1	---	---	---	---	---	1	1	1	3	2	6	4	4	11
New Milford,	5,336	3	---	1	9	20.2	1	---	11.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	1	1	1	5
Norwalk,	21,243	36	---	15	33	17.5	3	1	12.1	---	---	1	2	---	---	---	---	---	---	---	---	---	1	5	2	3	4	4	11
Norwich,	25,620	45	1	24	34	15.4	6	1	20.5	---	---	---	---	---	---	3	---	---	---	---	---	---	2	6	2	7	4	3	7
Orange,	8,470	17	---	3	10	14.1	1	1	20 0	---	---	---	---	---	---	1	---	1	---	---	---	---	---	---	1	---	3	---	4
Putnam,	7,850	19	2	12	14	18.3	3	---	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	2	1	---	1	1	2	7
Southington,	6,123	6	---	8	8	15.6	1	1	25.0	---	---	---	1	---	---	---	---	---	---	---	---	---	---	2	---	1	2	1	1
Stamford,	20,720	41	2	24	41	22.5	8	1	21.9	---	---	1	---	---	1	1	---	---	---	---	---	---	4	8	1	12	4	1	8
Stonington,	9,353	15	---	12	14	17.9	2	---	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	2	---	---	1	4	2	5
Thompson,	6,960	8	1	4	3	5.1	---	1	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	1	---	---	1
Torrington,	16,300	32	---	12	20	14.7	8	1	45.0	---	---	---	1	---	---	---	---	---	---	---	1	---	1	3	---	3	---	---	11
Vernon,	8,290	12	1	7	19	27.5	3	---	15.7	---	---	---	1	---	---	---	---	---	---	---	---	1	3	1	---	3	2	---	8
Wallingford,	10,450	30	2	6	13	14.9	4	---	30.7	---	---	---	---	---	---	---	---	---	---	---	---	1	2	1	2	1	1	---	5
Waterbury,	61,900	128	3	81	97	18.4	27	6	34.0	---	---	---	1	---	4	3	2	1	---	---	2	1	15	17	2	4	6	5	34
Winchester,	8,710	19	1	6	11	15.1	---	1	9.0	---	---	1	1	---	1	---	---	---	---	---	---	---	1	---	---	1	1	---	4
Windham,	10,200	13	2	14	10	11.7	2	1	30.0	---	---	---	---	---	---	---	---	---	---	---	1	---	1	1	1	1	1	---	4
Total of the 36 above towns,	769,061	1569	67	761	1141	17.8	192	72	23.1	---	7	4	19	2	33	14	6	15	---	1	8	6	115	163	31	131	120	77	389
130 towns of less than 5,000 inhabitants,	234,884	348	13	142	339	17.3	59	10	20.3	---	---	1	8	---	4	2	2	2	---	---	3	2	17	41	14	42	45	12	144
Total reported from 166 towns,	1,003,945	1917	80	903	1480	17.6	251	82	22.5	---	7	5	27	2	37	16	8	17	---	1	11	8	132	204	45	173	165	89	533
Population of towns not reporting	1,905																												

The Mortality in Public Institutions of the State was: in Bridgeport, 20; in Danbury, 7; in Greenwich, 4; in Hartford, 40; in Meriden, 4; in Middletown, 17; in New Britain, 6; in New Haven, 51; in New London, 3; in Norwalk, 4; in Norwich, 5; in Putnam, 2; in Stamford, 4; in Waterbury, 11; and in Winchester, 1. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in December: Andover, Bloomfield, Canaan, Colebrook, Cromwell, Eastford, East Haven, Franklin, Hampton, Hartland, Middlebury, North Haven, North Stonington, Oxford, Rocky Hill, Roxbury, Salem, Scotland, Sherman, Southbury, Union, Warren, Washington, Westbrook, Willington, Wolcott, Woodbridge.—Total, 27.

The Registrars of the following towns have made no report for December: Kent, Lisbon.—Total, 2.

REMARKS.

By mortality reports received there were 1480 deaths during the month of December. This was 184 more than in November, and 162 more than in December of last year, and 205 more than the average number of deaths during December for the five years preceding.

	1906	1905	1904	1903	1902	1901
January,	1,340	1,412	1,440	1,420	1,172	1,439
February,	1,235	1,368	1,387	1,303	1,124	1,381
March,	1,489	1,577	1,525	1,421	1,239	1,441
Total first quarter,	4,064	4,357	4,352	4,144	3,535	4,261
April,	1,430	1,329	1,377	1,245	1,191	1,253
May,	1,404	1,199	1,317	1,265	1,100	1,056
June,	1,249	1,289	1,129	1,163	1,061	1,022
Total second quarter,	4,083	3,817	3,823	3,673	3,352	3,331
July,	1,537	1,650	1,409	1,414	1,394	1,297
August,	1,650	1,417	1,362	1,404	1,348	1,310
September	1,342	1,196	1,169	1,160	1,166	1,235
Total third quarter,	4,529	4,263	3,940	3,978	3,908	3,842
October,	1,286	1,166	1,167	1,124	1,133	1,062
November,	*1,296	1.257	1,162	1,171	1,083	1,104
December,	1,480	1,318	1,258	1,347	1,298	1,745
Total fourth quarter,	4,062	3,741	3,587	3,642	3,514	3,311
Total for year,	16,738	16,178	15,702	15,437	14,339	14,745

The death rate was 17.8 for the large towns, for the small towns 17.3 and for the whole state 17.6.

The deaths reported from infectious diseases were 251, being 16.9 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

Small Pox.—Manchester, 1.

Measles.—Ansonia, 25; Branford (town and borough), 7; Bridgeport, 19; Bristol, 30; Burlington, 5; Derby, 1; Fairfield, 1; Glastonbury, 2; Griswold, 4; Groton (borough), 2; Guilford, 1; Hartford, 19; Jewett City (borough), 5; Manchester, 1; Milford, 3; Naugatuck, 3; New Haven, 12; North Branford, 9; Oxford, 1; Salisbury, "several"; Southington, 1; Stamford (city), 37; Stratford, 5; Torrington (town and borough), 6; Waterbury, 3; West Haven (borough), 4.—Total, 206 in 25 towns.

Scarlet Fever.—Ansonia, 1; Barkhamsted, 1; Beacon Falls, 2; Bethel (town and borough), 2; Branford (town and borough), 2; Bridgeport, 9; Chatham, 1; Darien, 1; Derby, 1; Eastford, 1; East Hartford, 5; East Lyme, 2; Fairfield, 1; Farmington, 2; Glastonbury, 1; Hartford, 15; Huntington, 1; Meriden (city), 2; Middletown (city), 13; Middletown (town), 3; Milford, 1; Montville, 3; New Canaan (town and borough), 4; New Haven, 15; New London, 1; New Milford, 1; Norwich (city), 1; Norwich (town), 1; Oxford, 1; Plainfield, 1; Salem, 2; Southington, 1; South Norwalk (city), 15; Stafford Springs (borough), 1; Stamford (city), 2; Suffield, 2; Thompson, 9; Torrington (town and borough), 3; Wallingford, 1; Waterbury, 6; Westport, 8; Windsor, 1; Windsor Locks, 5; Winsted (borough), 2.—Total, 153 in 42 towns.

Cerebro Spinal Fever.—Meriden (city), 1.

Diphtheria and Croup.—Berlin, 2; Bridgeport, 28; Bristol, 5; Derby, 5; East Hartford, 5; East Haven, 1; Enfield, 2; Essex, 1; Groton, 1; Hamden, 2; Hartford, 57; Huntington, 3; Manchester, 2; Meriden (city), 3; Middletown (city), 1; Middletown (town), 10; New Haven, 34; Norwich (city), 2; Plainfield, 1; Portland, 1; Seymour, 7; Shelton (borough), 7; South Norwalk (city), 2; Sprague, 1; Stamford (city), 5; Suffield, 1; Thompson, 1; Tolland, 2; Torrington (town and borough), 12; Wallingford, 1; Waterbury, 15; Weston, 1; Wethersfield, 1; Winchester, 1; Windsor, 1; Windsor Locks, 1; Winsted (borough), 5.—Total, 230 in 36 towns.

Whooping Cough.—Avon, 1; Bozrah, 4+; Bridgeport, 1; Bristol, 20; Canaan "epidemic," ; Cheshire, 20; East Hartford, 1; Essex, 3; Jewett City (borough), 4; Killingly, 4; Lyme, 10; Middletown (city), 18; North Stonington, 1; Plainville, "number of cases"; Plymouth, 12; Putnam (city), 2; Putnam (town), 2; Salisbury, "several"; South Norwalk (city), 1; Sterling, "epidemic"; West Haven (borough), "epidemic"; Willimantic (city), 6.—Total, 98+ in 21 towns.

Typhoid Fever.—Bridgeport, 1; Bristol, 2; Canaan, 1; Danbury, (city), 1; Derby, 2; Eastford, 1; East Windsor, 1; Enfield, 1; Groton (borough), 2; Guilford, 1; Hartford, 8; Kent, 2; Meriden (city), 2; Middlebury, 2; Middletown (city), 2; Naugatuck, 3; New Haven, 18, New Milford, 1; North Canaan, 2; Plymouth, 1; Pomfret, 1; Putnam, 1; Rockville (city), 2; Seymour, 1; Southington, 1; Stamford (city), 1; Stonington (town and borough), 2, Washington, 3; Waterbury, 2; West Haven (borough), 3; Willimantic (city), 2; Windham, 1.—Total, 73 in 32 towns.

Consumption.—Branford (town and borough), 2; Bridgeport, 1; Canterbury, 1; Cheshire, 1; East Hartford, 1; Hamden, 1; Hartford, 3; Kent 2; Middletown, 1; Milford, 1; Naugatuck, 2; North Haven, 2; Pomfret, 1; Waterbury, 12; West Haven (borough), 1.—Total, 32 in 15 towns.

* Two delayed certificates for November have been received since the publication of the last Bulletin.

The Health Officers of eighty-two towns report that they have not been notified of any infectious diseases.

All the Health Officers of New Haven and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

HARTFORD CO.—Granby, New Britain (city and town).
NEW LONDON CO.—Lisbon.
FAIRFIELD CO.—Newtown, Norwalk (city and town).
WINDHAM CO.—Hampton.
LITHFIELD CO.—Woodbury.
MIDDLESEX CO.—Middlefield.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Scarlet Fever.—East Lyme.

La Grippe.—Darien, 1; East Windsor, 1; Monroe, 1; Plymouth, 2; Salisbury, 1; South Windsor, 1; Stafford, 1.—Total, 8.

Diphtheria and Croup.—Berlin, 1; Essex, 1; New Canaan, 1; Sprague, 1. Total, 4.

Whooping Cough.—Plymouth, 1; South Windsor, 1. Total, 2.

Typhoid Fever.—Brookfield, 1; Woodbury, 1. Total, 2.

Consumption.—Bethel, 1; Canterbury, 1; Chatham, 1; Cheshire, 2; Glastonbury, 1; Griswold, 1; Haddam, 1; Milford, 1; Newtown, 1; Old Lyme, 1; Ridgefield, 1; Stafford, 1; Stratford, 1; West Hartford, 2; Woodstock, 1.—Total, 17.

Report of specimens examined at the Laboratory of the State Board of Health during the month of December:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis	16	28	..	44
release	32	31	..	63
Tuberculosis	22	45	..	67
Typhoid Fever	8	13	1	22
Total specimens examined				196
Samples of water analyzed				2

VACCINATION.

For several years past, at each successive session of the Legislature, the anti-vaccinationists have attempted to secure the repeal of the law relating to compulsory vaccination, but so far without success. It is probable that the same attempt will be made at the present session of the Legislature. The so-called compulsory vaccination laws are, first, that which allows Boards of Education or School Committees to require school children to be vaccinated before being permitted to attend a public school; a second statute empowers Health Officers and Boards of Health to "adopt such measures for the general vaccination of the inhabitants of their respective towns as they shall deem proper and necessary to prevent the introduction or arrest the progress of small pox;" and a third statute provides a penalty not to exceed a fine of five dollars for refusal to comply with this law, but any one can escape the penalty by presenting the certificate of a physician that vaccination is not advisable on account of ill health. These laws are not severe and are in contrast to the compulsory vaccination laws of Germany, which require all children to be vaccinated in infancy and revaccinated at the age of twelve.

The majority of the people of our state believe in vaccination or at least follow the advice of their family physician in this matter, as they do in all others which relate to the health of themselves or their families. We are on the whole a well vaccinated community, but there are always some to oppose a measure of this kind for one reason or another. It is not the time now to relax the few laws we have on the subject. Small pox, though mild in form, has been very prevalent throughout the country during the past few years. Waterbury, New Britain and Putnam have had epidemics which have cost those cities thousands of dollars, although fortunately the loss of life has been small. There is at the present time much small pox in Canada, especially in the Province of New Brunswick, which owing to the constant travel between there and this country is liable to be brought here.

The repeal of these laws would take from the Health authorities the best and almost the only means they have of arresting the spread of this disease. Vaccination is very much more effective than quarantine and much less expensive, as those in quarantine must be supported as well as closely guarded. Vaccination is an almost certain preventive of small pox and the accidents that sometimes result are so rare as to be incomparable with the benefits that have come from this great discovery.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,
Secretary of State Board of Health and Superintendent of Vital Statistics.

HARTFORD, January 15, 1907.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., DECEMBER, 1906.

Date.	Temperature. (Degrees Fahrenheit.) Max.	Min.	Mean.	Precipitation. (In inches and hundredths.)	Character of Day.	Sunshine. per cent.
1	47	28	38	.01	Cloudy	0
2	28	13	20	0	Clear	100
3	36	14	25	.06	Cloudy	19
4	16	2	9	0	Partly Cloudy	86
5	37	16	26	T	Cloudy	33
6	51	28	40	.72	Cloudy	0
7	48	5	26	0	Partly Cloudy	62
8	16	0	8	.01	Partly Cloudy	45
9	18	13	16	.12	Cloudy	0
10	31	17	24	.42	Cloudy	0
11	34	13	24	0	Clear	70
12	25	6	16	0	Clear	100
13	31	25	28	T	Cloudy	0
14	32	26	29	T	Partly Cloudy	52
15	49	32	40	.07	Cloudy	0
16	47	34	40	0	Cloudy	0
17	36	31	34	.02	Cloudy	0
18	34	14	24	0	Clear	98
19	25	7	16	0	Clear	81
20	34	15	24	.42	Cloudy	0
21	39	34	36	T	Cloudy	0
22	35	27	31	.39	Cloudy	0
23	27	9	18	.02	Partly Cloudy	69
24	18	7	12	.01	Partly Cloudy	48
25	26	14	20	T	Cloudy	4
26	34	24	29	0	Partly Cloudy	26
27	38	29	34	0	Cloudy	0
28	39	31	35	.02	Cloudy	0
29	47	36	42	T	Cloudy	0
30	40	36	38	.08	Cloudy	0
31	43	36	40	1.46	Cloudy	0
Mean	34.2	20.1	27.2			

ATMOSPHERIC PRESSURE.

(Reduced to sea level; inches and hundredths.)

Mean ..... 30.12; highest ..... 30.74; date 19
Lowest ..... 29.59; ..... date 6

TEMPERATURE.

Highest ..... 51°; date 6; lowest ..... 0; date 8
Greatest daily range ..... 43°; ..... date 7
Least daily range ..... 4°; ..... date 30

Mean for this Month in

1904 ..... 23° 1905 ..... 34° 1906 ..... 27°

Mean of this month for 3 years 28
Absolute maximum for this month for 3 years 58
Absolute minimum for this month for 3 years 0
Average daily excess (+) or deficiency (−) of this month as compared with mean of 3 years 0.6

PRECIPITATION.

Total this month 3.83
Snowfall 13.1
Greatest precipitation in 24 hours 1.46, date 31
Snow on the ground at end of month ..... Trace

Total Precipitation this Month in

1904 ..... 3.09 1905 ..... 3.47 1906 ..... 3.83

Average of this month for 3 years 3.46
Excess of this month as compared with average of 3 years 0.37

WIND.

Prevailing direction ..... N.
Total movement ..... 4,652 miles
Average hourly velocity 3.5
Maximum velocity (for five minutes) 31 miles per hour, from Northwest on 7th.

WEATHER.

Number of clear days 5
Partly cloudy 7
Cloudy 19
On which .01 inch, or more, of precipitation occurred 15

MISCELLANEOUS PHENOMENA (dates of).

Auroras ..... None
Halos, solar ..... None
Halos, lunar ..... None
Hail ..... None
Sleet 10, 13, 20, 22
Fog 6, 21
Thunderstorms ..... None
*Frosts: light, ... ; heavy, ... ; killing, ...

Note.—"T" indicates trace of precipitation.
* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,
Weather Bureau.

Prepared by S. S. Schworm.

The Case, Lockwood
& Brainard Co.,
Hartford, Conn.